Htno	Subcode	Subname	Internals	Grade	Credits
19B81A0102	R1932011	DESIGN & DRAWING OF REINFORCED CONCRETE	1	F	0
19B81A0102	R1932012	WATER RESOURCES ENGINEERING-II	11	D	3
19B81A0102	R1932014	MANAGERIAL ECONOMICS & FINANCIAL ANALYSI	18	F	0
19B81A0102	R193201G	ENVIRONMENTAL POLLUTION & CONTROL	13	F	0
19B81A0105	R1932013	GEOTECHNICAL ENGINEERING-I	17	F	0
19B81A0110	R1932011	DESIGN & DRAWING OF REINFORCED CONCRETE	7	D	3
19B81A0110	R1932012	WATER RESOURCES ENGINEERING-II	14	D	3
19B81A0110	R1932013	GEOTECHNICAL ENGINEERING-I	13	D	3
19B81A0112	R1932013	GEOTECHNICAL ENGINEERING-I	17	F	0
19B81A0115	R1932011	DESIGN & DRAWING OF REINFORCED CONCRETE	15	D	3
19B81A0115	R1932014	MANAGERIAL ECONOMICS & FINANCIAL ANALYSI	21	C	3
19B81A0116	R1932011	DESIGN & DRAWING OF REINFORCED CONCRETE	14	D	3
19B81A0116	R1932013	GEOTECHNICAL ENGINEERING-I	16	D	3
19B81A0117	R1932013	GEOTECHNICAL ENGINEERING-I	14	F	0
19B81A0117	R193201G	ENVIRONMENTAL POLLUTION & CONTROL	13	D	3
19B81A0121	R1932011	DESIGN & DRAWING OF REINFORCED CONCRETE	2	F	0
19B81A0121	R1932012	WATER RESOURCES ENGINEERING-II	12	C	3
19B81A0121	R1932013	GEOTECHNICAL ENGINEERING-I	13	F	0
19B81A0121	R193201G	ENVIRONMENTAL POLLUTION & CONTROL	12	F	0
19B81A0127	R1932011	DESIGN & DRAWING OF REINFORCED CONCRETE	4	F	0
19B81A0127	R1932012	WATER RESOURCES ENGINEERING-II	14	D	3
19B81A0127	R1932014	MANAGERIAL ECONOMICS & FINANCIAL ANALYSI	21	F	0
19B81A0127	R193201A	PRE-STRESSED CONCRETE	14	ABSENT	0
19B81A0134	R193201G	ENVIRONMENTAL POLLUTION & CONTROL	10	F	0
19B81A0201	R1932022	POWER SYSTEM ANALYSIS	21	ABSENT	0
19B81A0201	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	20	ABSENT	0
19B81A0202	R1932022	POWER SYSTEM ANALYSIS	17	F	0
19B81A0202	R1932023	DATA STRUCTURES	17	ABSENT	0
19B81A0202	R1932024	DIGITAL CONTROL SYSTEMS	19	ABSENT	0
19B81A0202	R193202D	INTERNET OF THINGS APPLICATIONS TO ELECT	19	ABSENT	0
19B81A0202	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	17	ABSENT	0
19B81A0218	R1932024	DIGITAL CONTROL SYSTEMS	17	D	3
19B81A0221	R1932022	POWER SYSTEM ANALYSIS	17	C	3
19B81A0231	R1932023	DATA STRUCTURES	18	C	3
19B81A0233	R1932022	POWER SYSTEM ANALYSIS	22	C	3
19B81A0240	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	19	ABSENT	0
19B81A0243	R1932022	POWER SYSTEM ANALYSIS	19	F	0
19B81A0243	R1932024	DIGITAL CONTROL SYSTEMS	20	F	0
19B81A0254	R1932022	POWER SYSTEM ANALYSIS	14	C	3
19B81A0254	R1932023	DATA STRUCTURES	15	D	3
19B81A0256	R1932022	POWER SYSTEM ANALYSIS	22	C	3
19B81A0267	R1932022	POWER SYSTEM ANALYSIS	15	D	3
19B81A0267	R1932023	DATA STRUCTURES	14	D	3
19B81A0272	R1932022	POWER SYSTEM ANALYSIS	14	F	0
19B81A0272	R1932024	DIGITAL CONTROL SYSTEMS	20	ABSENT	0

Htno	Subcode	Subname	Internals	Grade	Credits
19B81A0272	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	20	ABSENT	0
19B81A0275	R1932021	ELECTRIC DRIVES	19	ABSENT	0
19B81A0275	R1932022	POWER SYSTEM ANALYSIS	15	ABSENT	0
19B81A0275	R1932023	DATA STRUCTURES	20	ABSENT	0
19B81A0275	R1932024	DIGITAL CONTROL SYSTEMS	19	ABSENT	0
19B81A0275	R193202D	INTERNET OF THINGS APPLICATIONS TO ELECT	17	ABSENT	0
19B81A0275	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	18	ABSENT	0
19B81A0276	R1932022	POWER SYSTEM ANALYSIS	19	C	3
19B81A0284	R1932021	ELECTRIC DRIVES	18	D	3
19B81A0284	R1932022	POWER SYSTEM ANALYSIS	16	F	0
19B81A0284	R1932023	DATA STRUCTURES	20	D	3
19B81A0284	R193202D	INTERNET OF THINGS APPLICATIONS TO ELECT	21	F	0
19B81A0284	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	17	F	0
19B81A0302	R1932032	HEAT TRANSFER	15	C	3
19B81A0303	R1932031	OPERATIONS RESEARCH	15	F	0
19B81A0303	R1932032	HEAT TRANSFER	13	F	0
19B81A0303	R1932033	CAD/CAM	12	F	0
19B81A0304	R1932032	HEAT TRANSFER	13	D	3
19B81A0304	R1932033	CAD/CAM	10	D	3
19B81A0304	R193203H	AUTOMOBILE ENGINEERING	21	F	0
19B81A0307	R1932032	HEAT TRANSFER	18	C	3
19B81A0307	R1932033	CAD/CAM	14	D	3
19B81A0307	R193203H	AUTOMOBILE ENGINEERING	21	F	0
19B81A0309	R1932032	HEAT TRANSFER	18	D	3
19B81A0313	R1932031	OPERATIONS RESEARCH	13	D	3
19B81A0314	R1932031	OPERATIONS RESEARCH	15	F	0
19B81A0314	R1932032	HEAT TRANSFER	13	F	0
19B81A0322	R1932031	OPERATIONS RESEARCH	13	F	0
19B81A0322	R1932032	HEAT TRANSFER	11	F	0
19B81A0322	R1932033	CAD/CAM	10	F	0
19B81A0322	R193203C	UNCONVENTIONAL MACHINING PROCESSES	11	ABSENT	0
19B81A0322	R193203H	AUTOMOBILE ENGINEERING	16	F	0
19B81A0324	R1932032	HEAT TRANSFER	15	C	3
19B81A0325	R1932031	OPERATIONS RESEARCH	14	D	3
19B81A0325	R1932033	CAD/CAM	12	F	0
19B81A0325	R193203H	AUTOMOBILE ENGINEERING	16	C	3
19B81A0326	R1932031	OPERATIONS RESEARCH	13	D	3
19B81A0326	R1932032	HEAT TRANSFER	11	C	3
19B81A0327	R1932032	HEAT TRANSFER	18	D	3
19B81A0328	R1932032	HEAT TRANSFER	14	D	3
19B81A0330	R1932031	OPERATIONS RESEARCH	15	F	0
19B81A0330	R1932032	HEAT TRANSFER	12	D	3
19B81A0330	R1932033	CAD/CAM	11	F	0
19B81A0333	R1932031	OPERATIONS RESEARCH	16	D	3
19B81A0333	R193203H	AUTOMOBILE ENGINEERING	19	F	0
19B81A0340	R1932032	HEAT TRANSFER	13	D	3
19B81A0341	R1932031	OPERATIONS RESEARCH	14	D	3
19B81A0341	R1932032	HEAT TRANSFER	11	D	3
19B81A0341	R1932033	CAD/CAM	12	D	3
19B81A0341	R193203H	AUTOMOBILE ENGINEERING	18	F	0
19B81A0343	R1932031	OPERATIONS RESEARCH	11	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
19B81A0343	R1932032	HEAT TRANSFER	12	F	0
19B81A0343	R1932033	CAD/CAM	10	F	0
19B81A0343	R193203H	AUTOMOBILE ENGINEERING	19	F	0
19B81A0344	R1932031	OPERATIONS RESEARCH	15	C	3
19B81A0344	R1932032	HEAT TRANSFER	14	D	3
19B81A0344	R193203H	AUTOMOBILE ENGINEERING	14	C	3
19B81A0346	R1932031	OPERATIONS RESEARCH	14	F	0
19B81A0346	R1932032	HEAT TRANSFER	11	F	0
19B81A0350	R1932032	HEAT TRANSFER	6	D	3
19B81A0352	R1932031	OPERATIONS RESEARCH	16	F	0
19B81A0352	R1932032	HEAT TRANSFER	14	F	0
19B81A0352	R193203H	AUTOMOBILE ENGINEERING	21	F	0
19B81A0357	R1932032	HEAT TRANSFER	14	D	3
19B81A0357	R1932033	CAD/CAM	13	D	3
19B81A0362	R1932031	OPERATIONS RESEARCH	11	F	0
19B81A0362	R1932032	HEAT TRANSFER	9	F	0
19B81A0362	R1932033	CAD/CAM	9	F	0
19B81A0362	R193203C	UNCONVENTIONAL MACHINING PROCESSES	9	F	0
19B81A0362	R193203H	AUTOMOBILE ENGINEERING	15	F	0
19B81A0364	R1932031	OPERATIONS RESEARCH	9	F	0
19B81A0364	R1932032	HEAT TRANSFER	5	ABSENT	0
19B81A0364	R1932033	CAD/CAM	8	F	0
19B81A0364	R193203C	UNCONVENTIONAL MACHINING PROCESSES	9	ABSENT	0
19B81A0364	R193203H	AUTOMOBILE ENGINEERING	12	ABSENT	0
19B81A0365	R1932031	OPERATIONS RESEARCH	17	B	3
19B81A0365	R1932032	HEAT TRANSFER	14	F	0
19B81A0365	R1932033	CAD/CAM	10	F	0
19B81A0365	R193203C	UNCONVENTIONAL MACHINING PROCESSES	18	D	3
19B81A0365	R193203H	AUTOMOBILE ENGINEERING	16	F	0
19B81A0367	R1932031	OPERATIONS RESEARCH	14	D	3
19B81A0367	R1932032	HEAT TRANSFER	7	D	3
19B81A0367	R1932033	CAD/CAM	7	F	0
19B81A0367	R193203H	AUTOMOBILE ENGINEERING	15	D	3
19B81A0368	R1932032	HEAT TRANSFER	13	F	0
19B81A0369	R1932031	OPERATIONS RESEARCH	12	ABSENT	0
19B81A0369	R1932032	HEAT TRANSFER	8	F	0
19B81A0369	R1932033	CAD/CAM	12	F	0
19B81A0369	R193203C	UNCONVENTIONAL MACHINING PROCESSES	15	D	3
19B81A0369	R193203H	AUTOMOBILE ENGINEERING	19	D	3
19B81A0370	R1932032	HEAT TRANSFER	7	F	0
19B81A0403	R1932043	DIGITAL SIGNAL PROCESSING	16	C	3
19B81A0408	R1932044	INTERNET OF THINGS	22	C	3
19B81A0420	R1932042	VLSI DESIGN	20	C	3
19B81A0420	R1932043	DIGITAL SIGNAL PROCESSING	16	F	0
19B81A0430	R1932043	DIGITAL SIGNAL PROCESSING	16	F	0
19B81A0430	R193204F	DATA MINING	16	F	0
19B81A0471	R193204A	CELLULAR & MOBILE COMMUNICATION	16	F	0
19B81A0479	R1932043	DIGITAL SIGNAL PROCESSING	12	F	0
19B81A0482	R1932043	DIGITAL SIGNAL PROCESSING	16	F	0
19B81A0487	R1932042	VLSI DESIGN	13	F	0
19B81A0487	R1932043	DIGITAL SIGNAL PROCESSING	16	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
19B81A0488	R193204A	CELLULAR & MOBILE COMMUNICATION	13	ABSENT	0
19B81A0488	R193204F	DATA MINING	16	ABSENT	0
19B81A0491	R1932042	VLSI DESIGN	17	D	3
19B81A0494	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	15	D	3
19B81A0494	R1932043	DIGITAL SIGNAL PROCESSING	16	F	0
19B81A0497	R1932043	DIGITAL SIGNAL PROCESSING	18	C	3
19B81A04A8	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	15	ABSENT	0
19B81A04A8	R1932042	VLSI DESIGN	18	ABSENT	0
19B81A04A8	R1932043	DIGITAL SIGNAL PROCESSING	12	F	0
19B81A04A8	R1932044	INTERNET OF THINGS	20	ABSENT	0
19B81A04A8	R193204A	CELLULAR & MOBILE COMMUNICATION	13	ABSENT	0
19B81A04C3	R1932043	DIGITAL SIGNAL PROCESSING	20	D	3
19B81A04C9	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	16	F	0
19B81A04C9	R1932042	VLSI DESIGN	18	F	0
19B81A04E1	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	18	C	3
19B81A04E1	R1932043	DIGITAL SIGNAL PROCESSING	15	D	3
19B81A04E2	R1932042	VLSI DESIGN	20	C	3
19B81A04E7	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	16	ABSENT	0
19B81A04E7	R1932043	DIGITAL SIGNAL PROCESSING	15	ABSENT	0
19B81A04F4	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	14	F	0
19B81A04F4	R1932042	VLSI DESIGN	14	F	0
19B81A04F4	R1932044	INTERNET OF THINGS	13	ABSENT	0
19B81A04F4	R193204A	CELLULAR & MOBILE COMMUNICATION	13	F	0
19B81A04G1	R1932042	VLSI DESIGN	19	F	0
19B81A04G1	R1932043	DIGITAL SIGNAL PROCESSING	18	F	0
19B81A04G4	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	19	D	3
19B81A04G4	R1932043	DIGITAL SIGNAL PROCESSING	17	D	3
19B81A04G8	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	17	F	0
19B81A04H2	R1932042	VLSI DESIGN	10	D	3
19B81A04I4	R1932043	DIGITAL SIGNAL PROCESSING	13	D	3
19B81A0504	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	22	F	0
19B81A0504	R1932052	DISTRIBUTED SYSTEMS	17	C	3
19B81A0505	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	23	F	0
19B81A0520	R1932051	WEB TECHNOLOGIES	20	F	0
19B81A0520	R1932054	MANAGERIAL ECONOMICS AND FINANCIAL ACCOU	24	B	3
19B81A0522	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	22	F	0
19B81A0522	R1932052	DISTRIBUTED SYSTEMS	19	D	3
19B81A0522	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	19	F	0
19B81A0534	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	18	F	0
19B81A0534	R1932052	DISTRIBUTED SYSTEMS	13	F	0
19B81A0534	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	15	F	0
19B81A0534	R193205B	INFORMATION RETRIEVAL SYSTEM	16	D	3
19B81A0539	R1932052	DISTRIBUTED SYSTEMS	17	D	3
19B81A0539	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	13	F	0
19B81A0539	R193205B	INFORMATION RETRIEVAL SYSTEM	18	F	0
19B81A0548	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	20	F	0
19B81A0564	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	18	F	0
19B81A0564	R1932051	WEB TECHNOLOGIES	17	F	0
19B81A0564	R1932052	DISTRIBUTED SYSTEMS	17	F	0
19B81A0564	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	16	F	0
19B81A0564	R1932054	MANAGERIAL ECONOMICS AND FINANCIAL ACCOU	18	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
19B81A0564	R1932055	WEB TECHNOLOGIES LAB	18	S	2
19B81A0564	R1932056	INDUSTRIAL TRAINING / SKILL DEVELOPMENT	0	O	1
19B81A0564	R193205B	INFORMATION RETRIEVAL SYSTEM	17	F	0
19B81A0568	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	15	F	0
19B81A0577	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	20	F	0
19B81A0577	R1932052	DISTRIBUTED SYSTEMS	17	C	3
19B81A0594	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	20	D	3
19B81A05A6	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	18	F	0
19B81A05A8	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	18	D	3
19B81A05B1	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	14	F	0
19B81A05B1	R1932051	WEB TECHNOLOGIES	20	F	0
19B81A05B1	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	15	ABSENT	0
19B81A05B9	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	14	F	0
19B81A05C2	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	14	D	3
19B81A05C7	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	12	F	0
19B81A05D4	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	16	F	0
19B81A05E1	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	15	ABSENT	0
19B81A05E1	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	14	F	0
19B81A05E1	R193205B	INFORMATION RETRIEVAL SYSTEM	18	ABSENT	0
19B81A05F0	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	13	D	3
19B81A05F1	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	15	D	3
19B81A05G4	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	19	D	3
19B81A05G6	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	18	ABSENT	0
19B81A05G6	R1932052	DISTRIBUTED SYSTEMS	19	F	0
19B81A05G6	R1932053	DESIGN AND ANALYSIS OF ALGORITHMS	22	F	0
19B81A05G6	R193205B	INFORMATION RETRIEVAL SYSTEM	18	F	0
19B81A05H4	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	18	D	3
19B81A05I9	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	15	F	0
19B81A1255	R1932051	WEB TECHNOLOGIES	19	F	0
19B81A1255	R1932121	DATA WAREHOUSING AND DATA MINING	17	D	3
19B81A1259	R1932121	DATA WAREHOUSING AND DATA MINING	17	C	3
19B81A1265	R1932051	WEB TECHNOLOGIES	21	C	3
19B81A1272	R1932121	DATA WAREHOUSING AND DATA MINING	18	F	0
19HK1A0506	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	16	D	3
20B81A0101	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	F	0
20B81A0101	R2032012	WATER RESOURCE ENGINEERING	15	E	3
20B81A0101	R2032013	GEOTECHNICAL ENGINEERING-II	14	F	0
20B81A0101	R2032014	ESTIMATION COSTING AND CONTRACTS	8	C	1.5
20B81A0101	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0101	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0101	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0101	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	16	COMPLE	0
20B81A0101	R203201C	ROAD SAFETY ENGINEERING	20	C	3
20B81A0101	R203201G	DISASTER MANAGEMENT	22	B	3
20B81A0102	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	C	3
20B81A0102	R2032012	WATER RESOURCE ENGINEERING	19	E	3
20B81A0102	R2032013	GEOTECHNICAL ENGINEERING-II	24	B	3
20B81A0102	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0102	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0102	R2032016	CIVIL ENGINEERING PRACTICE	11	A	1.5
20B81A0102	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0102	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
20B81A0102	R203201C	ROAD SAFETY ENGINEERING	23	C	3
20B81A0102	R203201G	DISASTER MANAGEMENT	24	D	3
20B81A0103	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	D	3
20B81A0103	R2032012	WATER RESOURCE ENGINEERING	17	D	3
20B81A0103	R2032013	GEOTECHNICAL ENGINEERING-II	22	F	0
20B81A0103	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0103	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0103	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0103	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0103	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	21	COMPLE	0
20B81A0103	R203201C	ROAD SAFETY ENGINEERING	23	C	3
20B81A0103	R203201G	DISASTER MANAGEMENT	24	F	0
20B81A0104	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	C	3
20B81A0104	R2032012	WATER RESOURCE ENGINEERING	22	E	3
20B81A0104	R2032013	GEOTECHNICAL ENGINEERING-II	22	C	3
20B81A0104	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0104	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0104	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0104	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0104	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
20B81A0104	R203201C	ROAD SAFETY ENGINEERING	24	C	3
20B81A0104	R203201G	DISASTER MANAGEMENT	24	C	3
20B81A0105	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	B	3
20B81A0105	R2032012	WATER RESOURCE ENGINEERING	20	D	3
20B81A0105	R2032013	GEOTECHNICAL ENGINEERING-II	24	D	3
20B81A0105	R2032014	ESTIMATION COSTING AND CONTRACTS	11	A	1.5
20B81A0105	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20B81A0105	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0105	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0105	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	19	COMPLE	0
20B81A0105	R203201C	ROAD SAFETY ENGINEERING	24	D	3
20B81A0105	R203201G	DISASTER MANAGEMENT	24	B	3
20B81A0106	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	D	3
20B81A0106	R2032012	WATER RESOURCE ENGINEERING	20	E	3
20B81A0106	R2032013	GEOTECHNICAL ENGINEERING-II	23	B	3
20B81A0106	R2032014	ESTIMATION COSTING AND CONTRACTS	10	B	1.5
20B81A0106	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20B81A0106	R2032016	CIVIL ENGINEERING PRACTICE	12	A	1.5
20B81A0106	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0106	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
20B81A0106	R203201C	ROAD SAFETY ENGINEERING	26	B	3
20B81A0106	R203201G	DISASTER MANAGEMENT	29	D	3
20B81A0107	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	E	3
20B81A0107	R2032012	WATER RESOURCE ENGINEERING	17	E	3
20B81A0107	R2032013	GEOTECHNICAL ENGINEERING-II	22	F	0
20B81A0107	R2032014	ESTIMATION COSTING AND CONTRACTS	11	A	1.5
20B81A0107	R2032015	REMOTE SENSING & GIS LAB	11	A	1.5
20B81A0107	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0107	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0107	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0107	R203201C	ROAD SAFETY ENGINEERING	21	C	3
20B81A0107	R203201G	DISASTER MANAGEMENT	22	F	0
20B81A0108	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	D	3
20B81A0108	R2032012	WATER RESOURCE ENGINEERING	15	F	0
20B81A0108	R2032013	GEOTECHNICAL ENGINEERING-II	22	E	3
20B81A0108	R2032014	ESTIMATION COSTING AND CONTRACTS	10	C	1.5
20B81A0108	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0108	R2032016	CIVIL ENGINEERING PRACTICE	12	A	1.5
20B81A0108	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0108	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	19	COMPLE	0
20B81A0108	R203201C	ROAD SAFETY ENGINEERING	22	C	3
20B81A0108	R203201G	DISASTER MANAGEMENT	20	D	3
20B81A0109	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	12	F	0
20B81A0109	R2032012	WATER RESOURCE ENGINEERING	14	F	0
20B81A0109	R2032013	GEOTECHNICAL ENGINEERING-II	13	F	0
20B81A0109	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5
20B81A0109	R2032015	REMOTE SENSING & GIS LAB	9	D	1.5
20B81A0109	R2032016	CIVIL ENGINEERING PRACTICE	6	C	1.5
20B81A0109	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	E	2
20B81A0109	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
20B81A0109	R203201C	ROAD SAFETY ENGINEERING	14	D	3
20B81A0109	R203201G	DISASTER MANAGEMENT	11	F	0
20B81A0110	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	F	0
20B81A0110	R2032012	WATER RESOURCE ENGINEERING	19	E	3
20B81A0110	R2032013	GEOTECHNICAL ENGINEERING-II	20	E	3
20B81A0110	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0110	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0110	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0110	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0110	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	15	COMPLE	0
20B81A0110	R203201C	ROAD SAFETY ENGINEERING	21	C	3
20B81A0110	R203201G	DISASTER MANAGEMENT	21	F	0
20B81A0111	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	E	3
20B81A0111	R2032012	WATER RESOURCE ENGINEERING	19	E	3
20B81A0111	R2032013	GEOTECHNICAL ENGINEERING-II	21	F	0
20B81A0111	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0111	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0111	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0111	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0111	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	15	COMPLE	0
20B81A0111	R203201C	ROAD SAFETY ENGINEERING	22	D	3
20B81A0111	R203201G	DISASTER MANAGEMENT	22	F	0
20B81A0112	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	F	0
20B81A0112	R2032012	WATER RESOURCE ENGINEERING	17	F	0
20B81A0112	R2032013	GEOTECHNICAL ENGINEERING-II	18	F	0
20B81A0112	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5
20B81A0112	R2032015	REMOTE SENSING & GIS LAB	10	B	1.5
20B81A0112	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0112	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0112	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	11	COMPLE	0
20B81A0112	R203201C	ROAD SAFETY ENGINEERING	14	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0112	R203201G	DISASTER MANAGEMENT	20	D	3
20B81A0113	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	F	0
20B81A0113	R2032012	WATER RESOURCE ENGINEERING	17	E	3
20B81A0113	R2032013	GEOTECHNICAL ENGINEERING-II	22	E	3
20B81A0113	R2032014	ESTIMATION COSTING AND CONTRACTS	13	A	1.5
20B81A0113	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0113	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0113	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0113	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	13	COMPLE	0
20B81A0113	R203201C	ROAD SAFETY ENGINEERING	23	C	3
20B81A0113	R203201G	DISASTER MANAGEMENT	25	D	3
20B81A0114	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	B	3
20B81A0114	R2032012	WATER RESOURCE ENGINEERING	17	E	3
20B81A0114	R2032013	GEOTECHNICAL ENGINEERING-II	22	D	3
20B81A0114	R2032014	ESTIMATION COSTING AND CONTRACTS	11	C	1.5
20B81A0114	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0114	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0114	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0114	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	15	COMPLE	0
20B81A0114	R203201C	ROAD SAFETY ENGINEERING	20	C	3
20B81A0114	R203201G	DISASTER MANAGEMENT	20	D	3
20B81A0115	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	B	3
20B81A0115	R2032012	WATER RESOURCE ENGINEERING	15	E	3
20B81A0115	R2032013	GEOTECHNICAL ENGINEERING-II	22	F	0
20B81A0115	R2032014	ESTIMATION COSTING AND CONTRACTS	10	B	1.5
20B81A0115	R2032015	REMOTE SENSING & GIS LAB	11	A	1.5
20B81A0115	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0115	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0115	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	12	COMPLE	0
20B81A0115	R203201C	ROAD SAFETY ENGINEERING	21	C	3
20B81A0115	R203201G	DISASTER MANAGEMENT	21	F	0
20B81A0116	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	14	E	3
20B81A0116	R2032012	WATER RESOURCE ENGINEERING	13	F	0
20B81A0116	R2032013	GEOTECHNICAL ENGINEERING-II	18	F	0
20B81A0116	R2032014	ESTIMATION COSTING AND CONTRACTS	3	E	1.5
20B81A0116	R2032015	REMOTE SENSING & GIS LAB	10	B	1.5
20B81A0116	R2032016	CIVIL ENGINEERING PRACTICE	7	C	1.5
20B81A0116	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0116	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	10	COMPLE	0
20B81A0116	R203201C	ROAD SAFETY ENGINEERING	15	E	3
20B81A0116	R203201G	DISASTER MANAGEMENT	15	F	0
20B81A0117	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	19	E	3
20B81A0117	R2032012	WATER RESOURCE ENGINEERING	17	C	3
20B81A0117	R2032013	GEOTECHNICAL ENGINEERING-II	23	E	3
20B81A0117	R2032014	ESTIMATION COSTING AND CONTRACTS	3	D	1.5
20B81A0117	R2032015	REMOTE SENSING & GIS LAB	10	B	1.5
20B81A0117	R2032016	CIVIL ENGINEERING PRACTICE	6	B	1.5
20B81A0117	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0117	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
20B81A0117	R203201C	ROAD SAFETY ENGINEERING	24	D	3
20B81A0117	R203201G	DISASTER MANAGEMENT	22	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0118	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	C	3
20B81A0118	R2032012	WATER RESOURCE ENGINEERING	20	E	3
20B81A0118	R2032013	GEOTECHNICAL ENGINEERING-II	23	D	3
20B81A0118	R2032014	ESTIMATION COSTING AND CONTRACTS	14	A	1.5
20B81A0118	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0118	R2032016	CIVIL ENGINEERING PRACTICE	15	A+	1.5
20B81A0118	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0118	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
20B81A0118	R203201C	ROAD SAFETY ENGINEERING	25	B	3
20B81A0118	R203201G	DISASTER MANAGEMENT	26	C	3
20B81A0119	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	A	3
20B81A0119	R2032012	WATER RESOURCE ENGINEERING	21	A+	3
20B81A0119	R2032013	GEOTECHNICAL ENGINEERING-II	22	A	3
20B81A0119	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0119	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0119	R2032016	CIVIL ENGINEERING PRACTICE	13	A+	1.5
20B81A0119	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0119	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	22	COMPLE	0
20B81A0119	R203201C	ROAD SAFETY ENGINEERING	22	B	3
20B81A0119	R203201G	DISASTER MANAGEMENT	25	C	3
20B81A0120	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	F	0
20B81A0120	R2032012	WATER RESOURCE ENGINEERING	11	F	0
20B81A0120	R2032013	GEOTECHNICAL ENGINEERING-II	15	F	0
20B81A0120	R2032014	ESTIMATION COSTING AND CONTRACTS	9	D	1.5
20B81A0120	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0120	R2032016	CIVIL ENGINEERING PRACTICE	12	A	1.5
20B81A0120	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0120	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
20B81A0120	R203201C	ROAD SAFETY ENGINEERING	23	C	3
20B81A0120	R203201G	DISASTER MANAGEMENT	23	E	3
20B81A0121	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	E	3
20B81A0121	R2032012	WATER RESOURCE ENGINEERING	16	E	3
20B81A0121	R2032013	GEOTECHNICAL ENGINEERING-II	18	E	3
20B81A0121	R2032014	ESTIMATION COSTING AND CONTRACTS	10	A	1.5
20B81A0121	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0121	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0121	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0121	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	15	COMPLE	0
20B81A0121	R203201C	ROAD SAFETY ENGINEERING	20	C	3
20B81A0121	R203201G	DISASTER MANAGEMENT	23	B	3
20B81A0122	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	B	3
20B81A0122	R2032012	WATER RESOURCE ENGINEERING	18	D	3
20B81A0122	R2032013	GEOTECHNICAL ENGINEERING-II	24	B	3
20B81A0122	R2032014	ESTIMATION COSTING AND CONTRACTS	14	A	1.5
20B81A0122	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0122	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
20B81A0122	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0122	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	16	COMPLE	0
20B81A0122	R203201C	ROAD SAFETY ENGINEERING	25	C	3
20B81A0122	R203201G	DISASTER MANAGEMENT	24	D	3
20B81A0123	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0123	R2032012	WATER RESOURCE ENGINEERING	18	C	3
20B81A0123	R2032013	GEOTECHNICAL ENGINEERING-II	19	D	3
20B81A0123	R2032014	ESTIMATION COSTING AND CONTRACTS	12	B	1.5
20B81A0123	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0123	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0123	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0123	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
20B81A0123	R203201C	ROAD SAFETY ENGINEERING	24	C	3
20B81A0123	R203201G	DISASTER MANAGEMENT	21	E	3
20B81A0124	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	A	3
20B81A0124	R2032012	WATER RESOURCE ENGINEERING	19	F	0
20B81A0124	R2032013	GEOTECHNICAL ENGINEERING-II	17	D	3
20B81A0124	R2032014	ESTIMATION COSTING AND CONTRACTS	9	C	1.5
20B81A0124	R2032015	REMOTE SENSING & GIS LAB	11	B	1.5
20B81A0124	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0124	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0124	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	13	COMPLE	0
20B81A0124	R203201C	ROAD SAFETY ENGINEERING	17	C	3
20B81A0124	R203201G	DISASTER MANAGEMENT	22	E	3
20B81A0126	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	12	F	0
20B81A0126	R2032012	WATER RESOURCE ENGINEERING	13	F	0
20B81A0126	R2032013	GEOTECHNICAL ENGINEERING-II	12	F	0
20B81A0126	R2032014	ESTIMATION COSTING AND CONTRACTS	2	E	1.5
20B81A0126	R2032015	REMOTE SENSING & GIS LAB	8	E	1.5
20B81A0126	R2032016	CIVIL ENGINEERING PRACTICE	6	D	1.5
20B81A0126	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	E	2
20B81A0126	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	10	COMPLE	0
20B81A0126	R203201C	ROAD SAFETY ENGINEERING	6	F	0
20B81A0126	R203201G	DISASTER MANAGEMENT	11	F	0
20B81A0128	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	18	D	3
20B81A0128	R2032012	WATER RESOURCE ENGINEERING	15	E	3
20B81A0128	R2032013	GEOTECHNICAL ENGINEERING-II	16	E	3
20B81A0128	R2032014	ESTIMATION COSTING AND CONTRACTS	10	B	1.5
20B81A0128	R2032015	REMOTE SENSING & GIS LAB	11	B	1.5
20B81A0128	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0128	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0128	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	16	COMPLE	0
20B81A0128	R203201C	ROAD SAFETY ENGINEERING	20	D	3
20B81A0128	R203201G	DISASTER MANAGEMENT	16	F	0
20B81A0129	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	B	3
20B81A0129	R2032012	WATER RESOURCE ENGINEERING	19	B	3
20B81A0129	R2032013	GEOTECHNICAL ENGINEERING-II	23	B	3
20B81A0129	R2032014	ESTIMATION COSTING AND CONTRACTS	10	B	1.5
20B81A0129	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20B81A0129	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
20B81A0129	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0129	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
20B81A0129	R203201C	ROAD SAFETY ENGINEERING	23	C	3
20B81A0129	R203201G	DISASTER MANAGEMENT	25	D	3
20B81A0130	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	D	3
20B81A0130	R2032012	WATER RESOURCE ENGINEERING	15	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0130	R2032013	GEOTECHNICAL ENGINEERING-II	18	F	0
20B81A0130	R2032014	ESTIMATION COSTING AND CONTRACTS	9	C	1.5
20B81A0130	R2032015	REMOTE SENSING & GIS LAB	11	A	1.5
20B81A0130	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0130	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0130	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	12	COMPLE	0
20B81A0130	R203201C	ROAD SAFETY ENGINEERING	20	D	3
20B81A0130	R203201G	DISASTER MANAGEMENT	18	E	3
20B81A0131	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	E	3
20B81A0131	R2032012	WATER RESOURCE ENGINEERING	18	D	3
20B81A0131	R2032013	GEOTECHNICAL ENGINEERING-II	22	D	3
20B81A0131	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5
20B81A0131	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0131	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0131	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0131	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	19	COMPLE	0
20B81A0131	R203201C	ROAD SAFETY ENGINEERING	23	B	3
20B81A0131	R203201G	DISASTER MANAGEMENT	23	A	3
20B81A0132	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	B	3
20B81A0132	R2032012	WATER RESOURCE ENGINEERING	18	E	3
20B81A0132	R2032013	GEOTECHNICAL ENGINEERING-II	21	E	3
20B81A0132	R2032014	ESTIMATION COSTING AND CONTRACTS	13	A	1.5
20B81A0132	R2032015	REMOTE SENSING & GIS LAB	11	A	1.5
20B81A0132	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0132	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0132	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	19	COMPLE	0
20B81A0132	R203201C	ROAD SAFETY ENGINEERING	21	C	3
20B81A0132	R203201G	DISASTER MANAGEMENT	21	F	0
20B81A0133	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	F	0
20B81A0133	R2032012	WATER RESOURCE ENGINEERING	16	C	3
20B81A0133	R2032013	GEOTECHNICAL ENGINEERING-II	25	C	3
20B81A0133	R2032014	ESTIMATION COSTING AND CONTRACTS	13	B	1.5
20B81A0133	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0133	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0133	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0133	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
20B81A0133	R203201C	ROAD SAFETY ENGINEERING	24	C	3
20B81A0133	R203201G	DISASTER MANAGEMENT	27	D	3
20B81A0134	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	B	3
20B81A0134	R2032012	WATER RESOURCE ENGINEERING	12	F	0
20B81A0134	R2032013	GEOTECHNICAL ENGINEERING-II	18	D	3
20B81A0134	R2032014	ESTIMATION COSTING AND CONTRACTS	8	C	1.5
20B81A0134	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0134	R2032016	CIVIL ENGINEERING PRACTICE	12	A	1.5
20B81A0134	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0134	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	9	COMPLE	0
20B81A0134	R203201C	ROAD SAFETY ENGINEERING	20	D	3
20B81A0134	R203201G	DISASTER MANAGEMENT	23	D	3
20B81A0135	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	B	3
20B81A0135	R2032012	WATER RESOURCE ENGINEERING	17	D	3
20B81A0135	R2032013	GEOTECHNICAL ENGINEERING-II	22	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0135	R2032014	ESTIMATION COSTING AND CONTRACTS	13	A+	1.5
20B81A0135	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0135	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0135	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0135	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	21	COMPLE	0
20B81A0135	R203201C	ROAD SAFETY ENGINEERING	27	B	3
20B81A0135	R203201G	DISASTER MANAGEMENT	24	A	3
20B81A0136	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	20	E	3
20B81A0136	R2032012	WATER RESOURCE ENGINEERING	15	F	0
20B81A0136	R2032013	GEOTECHNICAL ENGINEERING-II	18	F	0
20B81A0136	R2032014	ESTIMATION COSTING AND CONTRACTS	9	A	1.5
20B81A0136	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20B81A0136	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0136	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0136	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	16	COMPLE	0
20B81A0136	R203201C	ROAD SAFETY ENGINEERING	21	C	3
20B81A0136	R203201G	DISASTER MANAGEMENT	22	F	0
20B81A0137	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	D	3
20B81A0137	R2032012	WATER RESOURCE ENGINEERING	17	E	3
20B81A0137	R2032013	GEOTECHNICAL ENGINEERING-II	24	D	3
20B81A0137	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0137	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20B81A0137	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0137	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0137	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
20B81A0137	R203201C	ROAD SAFETY ENGINEERING	25	B	3
20B81A0137	R203201G	DISASTER MANAGEMENT	24	E	3
20B81A0138	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	C	3
20B81A0138	R2032012	WATER RESOURCE ENGINEERING	19	D	3
20B81A0138	R2032013	GEOTECHNICAL ENGINEERING-II	24	C	3
20B81A0138	R2032014	ESTIMATION COSTING AND CONTRACTS	10	A	1.5
20B81A0138	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20B81A0138	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0138	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0138	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	17	COMPLE	0
20B81A0138	R203201C	ROAD SAFETY ENGINEERING	23	B	3
20B81A0138	R203201G	DISASTER MANAGEMENT	23	C	3
20B81A0139	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	C	3
20B81A0139	R2032012	WATER RESOURCE ENGINEERING	18	D	3
20B81A0139	R2032013	GEOTECHNICAL ENGINEERING-II	20	E	3
20B81A0139	R2032014	ESTIMATION COSTING AND CONTRACTS	10	C	1.5
20B81A0139	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0139	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0139	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0139	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
20B81A0139	R203201C	ROAD SAFETY ENGINEERING	23	D	3
20B81A0139	R203201G	DISASTER MANAGEMENT	25	C	3
20B81A0140	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	F	0
20B81A0140	R2032012	WATER RESOURCE ENGINEERING	12	F	0
20B81A0140	R2032013	GEOTECHNICAL ENGINEERING-II	16	F	0
20B81A0140	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0140	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
20B81A0140	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0140	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0140	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
20B81A0140	R203201C	ROAD SAFETY ENGINEERING	18	D	3
20B81A0140	R203201G	DISASTER MANAGEMENT	19	F	0
20B81A0141	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	20	D	3
20B81A0141	R2032012	WATER RESOURCE ENGINEERING	14	F	0
20B81A0141	R2032013	GEOTECHNICAL ENGINEERING-II	12	F	0
20B81A0141	R2032014	ESTIMATION COSTING AND CONTRACTS	8	B	1.5
20B81A0141	R2032015	REMOTE SENSING & GIS LAB	11	A	1.5
20B81A0141	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20B81A0141	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0141	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	9	COMPLE	0
20B81A0141	R203201C	ROAD SAFETY ENGINEERING	22	C	3
20B81A0141	R203201G	DISASTER MANAGEMENT	16	E	3
20B81A0142	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	F	0
20B81A0142	R2032012	WATER RESOURCE ENGINEERING	19	F	0
20B81A0142	R2032013	GEOTECHNICAL ENGINEERING-II	17	E	3
20B81A0142	R2032014	ESTIMATION COSTING AND CONTRACTS	13	A	1.5
20B81A0142	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0142	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0142	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0142	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
20B81A0142	R203201C	ROAD SAFETY ENGINEERING	21	C	3
20B81A0142	R203201G	DISASTER MANAGEMENT	22	F	0
20B81A0143	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	E	3
20B81A0143	R2032012	WATER RESOURCE ENGINEERING	18	D	3
20B81A0143	R2032013	GEOTECHNICAL ENGINEERING-II	20	E	3
20B81A0143	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5
20B81A0143	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20B81A0143	R2032016	CIVIL ENGINEERING PRACTICE	15	A+	1.5
20B81A0143	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0143	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	17	COMPLE	0
20B81A0143	R203201C	ROAD SAFETY ENGINEERING	25	C	3
20B81A0143	R203201G	DISASTER MANAGEMENT	24	B	3
20B81A0144	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	18	F	0
20B81A0144	R2032012	WATER RESOURCE ENGINEERING	19	E	3
20B81A0144	R2032013	GEOTECHNICAL ENGINEERING-II	17	F	0
20B81A0144	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5
20B81A0144	R2032015	REMOTE SENSING & GIS LAB	11	B	1.5
20B81A0144	R2032016	CIVIL ENGINEERING PRACTICE	12	C	1.5
20B81A0144	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0144	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	19	COMPLE	0
20B81A0144	R203201C	ROAD SAFETY ENGINEERING	17	D	3
20B81A0144	R203201G	DISASTER MANAGEMENT	22	F	0
20B81A0145	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	C	3
20B81A0145	R2032012	WATER RESOURCE ENGINEERING	16	F	0
20B81A0145	R2032013	GEOTECHNICAL ENGINEERING-II	20	F	0
20B81A0145	R2032014	ESTIMATION COSTING AND CONTRACTS	9	A	1.5
20B81A0145	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0145	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0145	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0145	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
20B81A0145	R203201C	ROAD SAFETY ENGINEERING	23	C	3
20B81A0145	R203201G	DISASTER MANAGEMENT	21	F	0
20B81A0146	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	C	3
20B81A0146	R2032012	WATER RESOURCE ENGINEERING	18	F	0
20B81A0146	R2032013	GEOTECHNICAL ENGINEERING-II	22	D	3
20B81A0146	R2032014	ESTIMATION COSTING AND CONTRACTS	10	A	1.5
20B81A0146	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0146	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0146	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
20B81A0146	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
20B81A0146	R203201C	ROAD SAFETY ENGINEERING	22	D	3
20B81A0146	R203201G	DISASTER MANAGEMENT	24	D	3
20B81A0147	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	F	0
20B81A0147	R2032012	WATER RESOURCE ENGINEERING	15	D	3
20B81A0147	R2032013	GEOTECHNICAL ENGINEERING-II	22	F	0
20B81A0147	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20B81A0147	R2032015	REMOTE SENSING & GIS LAB	14	A	1.5
20B81A0147	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20B81A0147	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0147	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	17	COMPLE	0
20B81A0147	R203201C	ROAD SAFETY ENGINEERING	22	C	3
20B81A0147	R203201G	DISASTER MANAGEMENT	23	C	3
20B81A0148	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	D	3
20B81A0148	R2032012	WATER RESOURCE ENGINEERING	19	E	3
20B81A0148	R2032013	GEOTECHNICAL ENGINEERING-II	24	D	3
20B81A0148	R2032014	ESTIMATION COSTING AND CONTRACTS	10	A	1.5
20B81A0148	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20B81A0148	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
20B81A0148	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20B81A0148	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
20B81A0148	R203201C	ROAD SAFETY ENGINEERING	25	B	3
20B81A0148	R203201G	DISASTER MANAGEMENT	26	F	0
20B81A0201	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A0201	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	D	3
20B81A0201	R2032023	POWER SYSTEM ANALYSIS	17	D	3
20B81A0201	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0201	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0201	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0201	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0201	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0201	R203202D	SWITCHGEAR AND PROTECTION	21	F	0
20B81A0201	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0202	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	26	C	3
20B81A0202	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	A	3
20B81A0202	R2032023	POWER SYSTEM ANALYSIS	25	B	3
20B81A0202	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0202	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0202	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0202	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0202	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0202	R203202D	SWITCHGEAR AND PROTECTION	29	B	3
20B81A0202	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	C	3
20B81A0203	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	E	3
20B81A0203	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	A	3
20B81A0203	R2032023	POWER SYSTEM ANALYSIS	25	B	3
20B81A0203	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0203	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0203	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0203	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0203	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0203	R203202D	SWITCHGEAR AND PROTECTION	24	D	3
20B81A0203	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0204	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	27	C	3
20B81A0204	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	30	B	3
20B81A0204	R2032023	POWER SYSTEM ANALYSIS	29	B	3
20B81A0204	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0204	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0204	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0204	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0204	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0204	R203202D	SWITCHGEAR AND PROTECTION	27	D	3
20B81A0204	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	B	3
20B81A0205	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	F	0
20B81A0205	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	E	3
20B81A0205	R2032023	POWER SYSTEM ANALYSIS	25	D	3
20B81A0205	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0205	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0205	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0205	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0205	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0205	R203202D	SWITCHGEAR AND PROTECTION	24	F	0
20B81A0205	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	D	3
20B81A0206	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
20B81A0206	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
20B81A0206	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0206	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
20B81A0206	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0206	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	A	1.5
20B81A0206	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0206	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0206	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
20B81A0206	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0207	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	F	0
20B81A0207	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	C	3
20B81A0207	R2032023	POWER SYSTEM ANALYSIS	26	A	3
20B81A0207	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0207	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0207	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	A	1.5
20B81A0207	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0207	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0207	R203202D	SWITCHGEAR AND PROTECTION	27	B	3
20B81A0207	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	B	3
20B81A0208	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	26	C	3
20B81A0208	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	D	3
20B81A0208	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0208	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0208	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0208	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	B	1.5
20B81A0208	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0208	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0208	R203202D	SWITCHGEAR AND PROTECTION	26	D	3
20B81A0208	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	C	3
20B81A0209	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
20B81A0209	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	D	3
20B81A0209	R2032023	POWER SYSTEM ANALYSIS	20	D	3
20B81A0209	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0209	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0209	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	B	1.5
20B81A0209	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0209	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0209	R203202D	SWITCHGEAR AND PROTECTION	22	E	3
20B81A0209	R203204G	PRINCIPLES OF SIGNAL PROCESSING	21	D	3
20B81A0210	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	F	0
20B81A0210	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	D	3
20B81A0210	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0210	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
20B81A0210	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	C	1.5
20B81A0210	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0210	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0210	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0210	R203202D	SWITCHGEAR AND PROTECTION	26	D	3
20B81A0210	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	C	3
20B81A0211	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	F	0
20B81A0211	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
20B81A0211	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0211	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	F	0
20B81A0211	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0211	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0211	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0211	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0211	R203202D	SWITCHGEAR AND PROTECTION	27	D	3
20B81A0211	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	C	3
20B81A0212	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	26	C	3
20B81A0212	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	C	3
20B81A0212	R2032023	POWER SYSTEM ANALYSIS	21	E	3
20B81A0212	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0212	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	C	1.5
20B81A0212	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0212	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0212	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0212	R203202D	SWITCHGEAR AND PROTECTION	25	D	3
20B81A0212	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
20B81A0213	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	15	F	0
20B81A0213	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	17	F	0
20B81A0213	R2032023	POWER SYSTEM ANALYSIS	16	F	0
20B81A0213	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	9	C	1.5
20B81A0213	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	8	B	1.5
20B81A0213	R2032026	POWER SYSTEMS AND SIMULATION LAB	11	C	1.5
20B81A0213	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0213	R2032028	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A0213	R203202D	SWITCHGEAR AND PROTECTION	15	F	0
20B81A0213	R203204G	PRINCIPLES OF SIGNAL PROCESSING	15	F	0
20B81A0214	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	27	F	0
20B81A0214	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	A+	3
20B81A0214	R2032023	POWER SYSTEM ANALYSIS	27	B	3
20B81A0214	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0214	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0214	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0214	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0214	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0214	R203202D	SWITCHGEAR AND PROTECTION	28	B	3
20B81A0214	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	C	3
20B81A0215	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	E	3
20B81A0215	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	B	3
20B81A0215	R2032023	POWER SYSTEM ANALYSIS	27	D	3
20B81A0215	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0215	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0215	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0215	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0215	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0215	R203202D	SWITCHGEAR AND PROTECTION	28	D	3
20B81A0215	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
20B81A0216	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	F	0
20B81A0216	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	C	3
20B81A0216	R2032023	POWER SYSTEM ANALYSIS	24	D	3
20B81A0216	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A0216	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0216	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0216	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0216	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0216	R203202D	SWITCHGEAR AND PROTECTION	23	F	0
20B81A0216	R203204G	PRINCIPLES OF SIGNAL PROCESSING	19	D	3
20B81A0217	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	F	0
20B81A0217	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	E	3
20B81A0217	R2032023	POWER SYSTEM ANALYSIS	24	E	3
20B81A0217	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0217	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0217	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0217	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0217	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0217	R203202D	SWITCHGEAR AND PROTECTION	27	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0217	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0218	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	E	3
20B81A0218	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	C	3
20B81A0218	R2032023	POWER SYSTEM ANALYSIS	28	F	0
20B81A0218	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0218	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0218	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0218	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0218	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0218	R203202D	SWITCHGEAR AND PROTECTION	25	B	3
20B81A0218	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	D	3
20B81A0219	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A0219	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	D	3
20B81A0219	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0219	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0219	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0219	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	A	1.5
20B81A0219	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0219	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0219	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
20B81A0219	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	B	3
20B81A0220	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	C	3
20B81A0220	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	B	3
20B81A0220	R2032023	POWER SYSTEM ANALYSIS	27	C	3
20B81A0220	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0220	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A	1.5
20B81A0220	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0220	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0220	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0220	R203202D	SWITCHGEAR AND PROTECTION	29	F	0
20B81A0220	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	B	3
20B81A0221	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	E	3
20B81A0221	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	F	0
20B81A0221	R2032023	POWER SYSTEM ANALYSIS	21	F	0
20B81A0221	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0221	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0221	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	A	1.5
20B81A0221	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0221	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0221	R203202D	SWITCHGEAR AND PROTECTION	21	F	0
20B81A0221	R203204G	PRINCIPLES OF SIGNAL PROCESSING	19	F	0
20B81A0222	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	D	3
20B81A0222	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	B	3
20B81A0222	R2032023	POWER SYSTEM ANALYSIS	22	B	3
20B81A0222	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0222	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0222	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0222	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0222	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0222	R203202D	SWITCHGEAR AND PROTECTION	28	C	3
20B81A0222	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0223	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	27	C	3
20B81A0223	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	A	3
20B81A0223	R2032023	POWER SYSTEM ANALYSIS	29	B	3
20B81A0223	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0223	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0223	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0223	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0223	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0223	R203202D	SWITCHGEAR AND PROTECTION	30	B	3
20B81A0223	R203204G	PRINCIPLES OF SIGNAL PROCESSING	29	B	3
20B81A0223	R203205Q	OPERATING SYSTEMS (INTEGRATED COURSE)	20	C	3
20B81A0223	R203205QL	OPERATING SYSTEMS LAB (INTEGRATED COURSE	15	A+	1.5
20B81A0224	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	8	F	0
20B81A0224	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	6	F	0
20B81A0224	R2032023	POWER SYSTEM ANALYSIS	8	AB	0
20B81A0224	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	7	AB	0
20B81A0224	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	AB	0
20B81A0224	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	AB	0
20B81A0224	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	AB	0
20B81A0224	R2032028	RESEARCH METHODOLOGY	15	COMPLE	0
20B81A0224	R203202D	SWITCHGEAR AND PROTECTION	12	AB	0
20B81A0224	R203204G	PRINCIPLES OF SIGNAL PROCESSING	4	F	0
20B81A0225	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	27	C	3
20B81A0225	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	B	3
20B81A0225	R2032023	POWER SYSTEM ANALYSIS	26	C	3
20B81A0225	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0225	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0225	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	C	1.5
20B81A0225	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0225	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0225	R203202D	SWITCHGEAR AND PROTECTION	28	C	3
20B81A0225	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0226	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
20B81A0226	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	D	3
20B81A0226	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0226	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0226	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0226	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0226	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0226	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0226	R203202D	SWITCHGEAR AND PROTECTION	28	B	3
20B81A0226	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0227	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	F	0
20B81A0227	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	D	3
20B81A0227	R2032023	POWER SYSTEM ANALYSIS	25	E	3
20B81A0227	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
20B81A0227	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0227	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0227	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0227	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0227	R203202D	SWITCHGEAR AND PROTECTION	27	F	0

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20B81A0227	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	E	3
20B81A0228	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	27	F	0
20B81A0228	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	F	0
20B81A0228	R2032023	POWER SYSTEM ANALYSIS	26	F	0
20B81A0228	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A0228	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0228	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0228	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0228	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0228	R203202D	SWITCHGEAR AND PROTECTION	29	F	0
20B81A0228	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	C	3
20B81A0229	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	15	F	0
20B81A0229	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	17	E	3
20B81A0229	R2032023	POWER SYSTEM ANALYSIS	14	E	3
20B81A0229	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	C	1.5
20B81A0229	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0229	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	D	1.5
20B81A0229	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0229	R2032028	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A0229	R203202D	SWITCHGEAR AND PROTECTION	17	E	3
20B81A0229	R203204G	PRINCIPLES OF SIGNAL PROCESSING	16	F	0
20B81A0230	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	29	C	3
20B81A0230	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	30	A+	3
20B81A0230	R2032023	POWER SYSTEM ANALYSIS	29	B	3
20B81A0230	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
20B81A0230	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0230	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0230	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0230	R2032028	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A0230	R203202D	SWITCHGEAR AND PROTECTION	30	A	3
20B81A0230	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	A	3
20B81A0230	R203205Q	OPERATING SYSTEMS (INTEGRATED COURSE)	20	C	3
20B81A0230	R203205QL	OPERATING SYSTEMS LAB (INTEGRATED COURSE	13	A+	1.5
20B81A0231	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	26	B	3
20B81A0231	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	A+	3
20B81A0231	R2032023	POWER SYSTEM ANALYSIS	29	A+	3
20B81A0231	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0231	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0231	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0231	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0231	R2032028	RESEARCH METHODOLOGY	30	COMPLE	0
20B81A0231	R203202D	SWITCHGEAR AND PROTECTION	30	A	3
20B81A0231	R203204G	PRINCIPLES OF SIGNAL PROCESSING	29	B	3
20B81A0231	R203205Q	OPERATING SYSTEMS (INTEGRATED COURSE)	20	B	3
20B81A0231	R203205QL	OPERATING SYSTEMS LAB (INTEGRATED COURSE	14	A+	1.5
20B81A0232	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	F	0
20B81A0232	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	C	3
20B81A0232	R2032023	POWER SYSTEM ANALYSIS	27	D	3
20B81A0232	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0232	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0232	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0232	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0232	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0232	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
20B81A0232	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	D	3
20B81A0234	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A0234	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	B	3
20B81A0234	R2032023	POWER SYSTEM ANALYSIS	27	C	3
20B81A0234	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0234	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0234	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0234	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0234	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0234	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
20B81A0234	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	C	3
20B81A0235	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A0235	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	B	3
20B81A0235	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0235	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0235	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0235	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	B	1.5
20B81A0235	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0235	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0235	R203202D	SWITCHGEAR AND PROTECTION	26	B	3
20B81A0235	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0236	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	E	3
20B81A0236	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	B	3
20B81A0236	R2032023	POWER SYSTEM ANALYSIS	24	B	3
20B81A0236	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A0236	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0236	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	A	1.5
20B81A0236	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0236	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0236	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
20B81A0236	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0237	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	8	F	0
20B81A0237	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	8	F	0
20B81A0237	R2032023	POWER SYSTEM ANALYSIS	11	AB	0
20B81A0237	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	7	D	1.5
20B81A0237	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	7	C	1.5
20B81A0237	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	D	1.5
20B81A0237	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0237	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0237	R203202D	SWITCHGEAR AND PROTECTION	15	AB	0
20B81A0237	R203204G	PRINCIPLES OF SIGNAL PROCESSING	7	AB	0
20B81A0238	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	12	F	0
20B81A0238	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	D	3
20B81A0238	R2032023	POWER SYSTEM ANALYSIS	20	F	0
20B81A0238	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0238	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0238	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	C	1.5
20B81A0238	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0238	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0238	R203202D	SWITCHGEAR AND PROTECTION	22	F	0
20B81A0238	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	E	3
20B81A0239	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	E	3
20B81A0239	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	B	3
20B81A0239	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0239	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0239	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0239	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0239	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0239	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0239	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
20B81A0239	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	D	3
20B81A0240	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	F	0
20B81A0240	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	E	3
20B81A0240	R2032023	POWER SYSTEM ANALYSIS	23	C	3
20B81A0240	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	B	1.5
20B81A0240	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0240	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	B	1.5
20B81A0240	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0240	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0240	R203202D	SWITCHGEAR AND PROTECTION	24	F	0
20B81A0240	R203204G	PRINCIPLES OF SIGNAL PROCESSING	21	D	3
20B81A0241	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	F	0
20B81A0241	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	16	F	0
20B81A0241	R2032023	POWER SYSTEM ANALYSIS	15	E	3
20B81A0241	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	F	0
20B81A0241	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	B	1.5
20B81A0241	R2032026	POWER SYSTEMS AND SIMULATION LAB	9	C	1.5
20B81A0241	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0241	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0241	R203202D	SWITCHGEAR AND PROTECTION	18	F	0
20B81A0241	R203204G	PRINCIPLES OF SIGNAL PROCESSING	17	F	0
20B81A0242	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	D	3
20B81A0242	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	B	3
20B81A0242	R2032023	POWER SYSTEM ANALYSIS	27	A	3
20B81A0242	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0242	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0242	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0242	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0242	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0242	R203202D	SWITCHGEAR AND PROTECTION	28	D	3
20B81A0242	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	C	3
20B81A0243	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
20B81A0243	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	B	3
20B81A0243	R2032023	POWER SYSTEM ANALYSIS	26	C	3
20B81A0243	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A0243	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0243	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0243	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0243	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0243	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
20B81A0243	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	D	3
20B81A0244	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	F	0
20B81A0244	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	B	3
20B81A0244	R2032023	POWER SYSTEM ANALYSIS	26	C	3
20B81A0244	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A0244	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0244	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0244	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0244	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0244	R203202D	SWITCHGEAR AND PROTECTION	26	D	3
20B81A0244	R203204G	PRINCIPLES OF SIGNAL PROCESSING	25	C	3
20B81A0245	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	E	3
20B81A0245	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	C	3
20B81A0245	R2032023	POWER SYSTEM ANALYSIS	23	C	3
20B81A0245	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
20B81A0245	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0245	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0245	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0245	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0245	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
20B81A0245	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	B	3
20B81A0246	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	E	3
20B81A0246	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	D	3
20B81A0246	R2032023	POWER SYSTEM ANALYSIS	23	D	3
20B81A0246	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0246	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0246	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0246	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0246	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0246	R203202D	SWITCHGEAR AND PROTECTION	24	F	0
20B81A0246	R203204G	PRINCIPLES OF SIGNAL PROCESSING	25	C	3
20B81A0247	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	F	0
20B81A0247	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	D	3
20B81A0247	R2032023	POWER SYSTEM ANALYSIS	26	D	3
20B81A0247	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A0247	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A	1.5
20B81A0247	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0247	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0247	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0247	R203202D	SWITCHGEAR AND PROTECTION	26	F	0
20B81A0247	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	F	0
20B81A0248	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	E	3
20B81A0248	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	B	3
20B81A0248	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0248	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0248	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0248	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0248	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0248	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0248	R203202D	SWITCHGEAR AND PROTECTION	25	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0248	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
20B81A0249	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	C	3
20B81A0249	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
20B81A0249	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0249	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0249	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0249	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0249	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0249	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0249	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
20B81A0249	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0250	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	27	F	0
20B81A0250	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	A	3
20B81A0250	R2032023	POWER SYSTEM ANALYSIS	25	A+	3
20B81A0250	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0250	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0250	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0250	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0250	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0250	R203202D	SWITCHGEAR AND PROTECTION	30	B	3
20B81A0250	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	B	3
20B81A0251	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	F	0
20B81A0251	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	B	3
20B81A0251	R2032023	POWER SYSTEM ANALYSIS	21	C	3
20B81A0251	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0251	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0251	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0251	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0251	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0251	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
20B81A0251	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	B	3
20B81A0252	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
20B81A0252	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	B	3
20B81A0252	R2032023	POWER SYSTEM ANALYSIS	25	B	3
20B81A0252	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0252	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0252	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0252	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0252	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0252	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
20B81A0252	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
20B81A0253	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	C	3
20B81A0253	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	B	3
20B81A0253	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0253	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0253	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0253	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0253	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0253	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0253	R203202D	SWITCHGEAR AND PROTECTION	29	C	3
20B81A0253	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	B	3

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20B81A0254	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	29	C	3
20B81A0254	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	30	A+	3
20B81A0254	R2032023	POWER SYSTEM ANALYSIS	30	A	3
20B81A0254	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0254	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0254	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0254	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0254	R2032028	RESEARCH METHODOLOGY	30	COMPLE	0
20B81A0254	R203202D	SWITCHGEAR AND PROTECTION	30	A+	3
20B81A0254	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	A	3
20B81A0254	R203205Q	OPERATING SYSTEMS (INTEGRATED COURSE)	20	C	3
20B81A0254	R203205QL	OPERATING SYSTEMS LAB (INTEGRATED COURSE	14	A+	1.5
20B81A0255	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	E	3
20B81A0255	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	F	0
20B81A0255	R2032023	POWER SYSTEM ANALYSIS	20	F	0
20B81A0255	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0255	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	C	1.5
20B81A0255	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0255	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0255	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0255	R203202D	SWITCHGEAR AND PROTECTION	21	F	0
20B81A0255	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	F	0
20B81A0256	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A0256	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	B	3
20B81A0256	R2032023	POWER SYSTEM ANALYSIS	25	B	3
20B81A0256	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	B	1.5
20B81A0256	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	C	1.5
20B81A0256	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0256	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0256	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0256	R203202D	SWITCHGEAR AND PROTECTION	25	D	3
20B81A0256	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	A	3
20B81A0257	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
20B81A0257	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
20B81A0257	R2032023	POWER SYSTEM ANALYSIS	26	C	3
20B81A0257	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	C	1.5
20B81A0257	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0257	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	B	1.5
20B81A0257	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0257	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0257	R203202D	SWITCHGEAR AND PROTECTION	20	D	3
20B81A0257	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	D	3
20B81A0258	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	B	3
20B81A0258	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	A	3
20B81A0258	R2032023	POWER SYSTEM ANALYSIS	22	C	3
20B81A0258	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0258	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0258	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0258	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0258	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0258	R203202D	SWITCHGEAR AND PROTECTION	26	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0258	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	B	3
20B81A0259	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	27	C	3
20B81A0259	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	30	A+	3
20B81A0259	R2032023	POWER SYSTEM ANALYSIS	27	B	3
20B81A0259	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0259	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0259	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0259	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0259	R2032028	RESEARCH METHODOLOGY	30	COMPLE	0
20B81A0259	R203202D	SWITCHGEAR AND PROTECTION	30	B	3
20B81A0259	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	A	3
20B81A0260	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	F	0
20B81A0260	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	C	3
20B81A0260	R2032023	POWER SYSTEM ANALYSIS	23	D	3
20B81A0260	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0260	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0260	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0260	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0260	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0260	R203202D	SWITCHGEAR AND PROTECTION	27	D	3
20B81A0260	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A0261	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	E	3
20B81A0261	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	B	3
20B81A0261	R2032023	POWER SYSTEM ANALYSIS	23	C	3
20B81A0261	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0261	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0261	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	B	1.5
20B81A0261	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0261	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0261	R203202D	SWITCHGEAR AND PROTECTION	25	D	3
20B81A0261	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
20B81A0262	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	C	3
20B81A0262	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	A	3
20B81A0262	R2032023	POWER SYSTEM ANALYSIS	27	B	3
20B81A0262	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0262	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0262	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0262	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0262	R2032028	RESEARCH METHODOLOGY	30	COMPLE	0
20B81A0262	R203202D	SWITCHGEAR AND PROTECTION	29	C	3
20B81A0262	R203204G	PRINCIPLES OF SIGNAL PROCESSING	30	A+	3
20B81A0263	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	F	0
20B81A0263	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	F	0
20B81A0263	R2032023	POWER SYSTEM ANALYSIS	20	F	0
20B81A0263	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	AB	0
20B81A0263	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	AB	0
20B81A0263	R2032026	POWER SYSTEMS AND SIMULATION LAB	11	AB	0
20B81A0263	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	AB	0
20B81A0263	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0263	R203202D	SWITCHGEAR AND PROTECTION	14	F	0
20B81A0263	R203204G	PRINCIPLES OF SIGNAL PROCESSING	15	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0264	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	F	0
20B81A0264	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	D	3
20B81A0264	R2032023	POWER SYSTEM ANALYSIS	14	E	3
20B81A0264	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0264	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0264	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0264	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0264	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0264	R203202D	SWITCHGEAR AND PROTECTION	22	E	3
20B81A0264	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
20B81A0265	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	13	F	0
20B81A0265	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	B	3
20B81A0265	R2032023	POWER SYSTEM ANALYSIS	18	D	3
20B81A0265	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0265	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0265	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0265	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0265	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0265	R203202D	SWITCHGEAR AND PROTECTION	19	F	0
20B81A0265	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	C	3
20B81A0266	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	F	0
20B81A0266	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	F	0
20B81A0266	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0266	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
20B81A0266	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0266	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0266	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0266	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0266	R203202D	SWITCHGEAR AND PROTECTION	29	C	3
20B81A0266	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	C	3
20B81A0267	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
20B81A0267	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	A	3
20B81A0267	R2032023	POWER SYSTEM ANALYSIS	23	B	3
20B81A0267	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	A	1.5
20B81A0267	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0267	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	B	1.5
20B81A0267	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0267	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0267	R203202D	SWITCHGEAR AND PROTECTION	27	A	3
20B81A0267	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	B	3
20B81A0268	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	26	F	0
20B81A0268	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	D	3
20B81A0268	R2032023	POWER SYSTEM ANALYSIS	23	B	3
20B81A0268	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0268	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0268	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0268	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0268	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0268	R203202D	SWITCHGEAR AND PROTECTION	26	D	3
20B81A0268	R203204G	PRINCIPLES OF SIGNAL PROCESSING	25	B	3
20B81A0269	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0269	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	20	C	3
20B81A0269	R2032023	POWER SYSTEM ANALYSIS	18	D	3
20B81A0269	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0269	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0269	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0269	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0269	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0269	R203202D	SWITCHGEAR AND PROTECTION	20	F	0
20B81A0269	R203204G	PRINCIPLES OF SIGNAL PROCESSING	21	C	3
20B81A0270	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	D	3
20B81A0270	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	19	D	3
20B81A0270	R2032023	POWER SYSTEM ANALYSIS	17	D	3
20B81A0270	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0270	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0270	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0270	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0270	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0270	R203202D	SWITCHGEAR AND PROTECTION	21	C	3
20B81A0270	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	B	3
20B81A0271	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	F	0
20B81A0271	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	19	D	3
20B81A0271	R2032023	POWER SYSTEM ANALYSIS	19	D	3
20B81A0271	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A	1.5
20B81A0271	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0271	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0271	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0271	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0271	R203202D	SWITCHGEAR AND PROTECTION	22	F	0
20B81A0271	R203204G	PRINCIPLES OF SIGNAL PROCESSING	19	F	0
20B81A0272	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	E	3
20B81A0272	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	B	3
20B81A0272	R2032023	POWER SYSTEM ANALYSIS	23	C	3
20B81A0272	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A	1.5
20B81A0272	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0272	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0272	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0272	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0272	R203202D	SWITCHGEAR AND PROTECTION	29	C	3
20B81A0272	R203204G	PRINCIPLES OF SIGNAL PROCESSING	29	B	3
20B81A0273	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	C	3
20B81A0273	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	C	3
20B81A0273	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0273	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0273	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0273	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0273	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0273	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0273	R203202D	SWITCHGEAR AND PROTECTION	23	F	0
20B81A0273	R203204G	PRINCIPLES OF SIGNAL PROCESSING	29	C	3
20B81A0274	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A0274	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	B	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0274	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0274	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A+	1.5
20B81A0274	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0274	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0274	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0274	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0274	R203202D	SWITCHGEAR AND PROTECTION	25	B	3
20B81A0274	R203204G	PRINCIPLES OF SIGNAL PROCESSING	25	C	3
20B81A0275	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	E	3
20B81A0275	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	D	3
20B81A0275	R2032023	POWER SYSTEM ANALYSIS	27	C	3
20B81A0275	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A	1.5
20B81A0275	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	9	B	1.5
20B81A0275	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0275	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0275	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0275	R203202D	SWITCHGEAR AND PROTECTION	25	C	3
20B81A0275	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
20B81A0276	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	7	F	0
20B81A0276	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	F	0
20B81A0276	R2032023	POWER SYSTEM ANALYSIS	15	C	3
20B81A0276	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	11	B	1.5
20B81A0276	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0276	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	B	1.5
20B81A0276	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0276	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0276	R203202D	SWITCHGEAR AND PROTECTION	13	F	0
20B81A0276	R203204G	PRINCIPLES OF SIGNAL PROCESSING	13	F	0
20B81A0277	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A0277	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	17	B	3
20B81A0277	R2032023	POWER SYSTEM ANALYSIS	17	D	3
20B81A0277	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A	1.5
20B81A0277	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0277	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0277	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0277	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0277	R203202D	SWITCHGEAR AND PROTECTION	18	D	3
20B81A0277	R203204G	PRINCIPLES OF SIGNAL PROCESSING	25	D	3
20B81A0278	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	20	F	0
20B81A0278	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	D	3
20B81A0278	R2032023	POWER SYSTEM ANALYSIS	20	F	0
20B81A0278	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A	1.5
20B81A0278	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0278	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0278	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0278	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0278	R203202D	SWITCHGEAR AND PROTECTION	19	D	3
20B81A0278	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	E	3
20B81A0279	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	F	0
20B81A0279	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	B	3
20B81A0279	R2032023	POWER SYSTEM ANALYSIS	18	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0279	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0279	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0279	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	B	1.5
20B81A0279	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0279	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0279	R203202D	SWITCHGEAR AND PROTECTION	16	D	3
20B81A0279	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	C	3
20B81A0280	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	11	F	0
20B81A0280	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	C	3
20B81A0280	R2032023	POWER SYSTEM ANALYSIS	16	D	3
20B81A0280	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0280	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0280	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	C	1.5
20B81A0280	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0280	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0280	R203202D	SWITCHGEAR AND PROTECTION	18	E	3
20B81A0280	R203204G	PRINCIPLES OF SIGNAL PROCESSING	21	E	3
20B81A0281	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	14	F	0
20B81A0281	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	D	3
20B81A0281	R2032023	POWER SYSTEM ANALYSIS	15	F	0
20B81A0281	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0281	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0281	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0281	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0281	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0281	R203202D	SWITCHGEAR AND PROTECTION	18	E	3
20B81A0281	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	E	3
20B81A0282	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	11	F	0
20B81A0282	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	E	3
20B81A0282	R2032023	POWER SYSTEM ANALYSIS	15	D	3
20B81A0282	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	11	A	1.5
20B81A0282	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0282	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0282	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0282	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0282	R203202D	SWITCHGEAR AND PROTECTION	14	F	0
20B81A0282	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	D	3
20B81A0283	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	E	3
20B81A0283	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
20B81A0283	R2032023	POWER SYSTEM ANALYSIS	21	D	3
20B81A0283	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0283	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0283	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0283	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0283	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0283	R203202D	SWITCHGEAR AND PROTECTION	24	C	3
20B81A0283	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	B	3
20B81A0284	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	D	3
20B81A0284	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	C	3
20B81A0284	R2032023	POWER SYSTEM ANALYSIS	21	F	0
20B81A0284	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0284	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0284	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0284	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0284	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0284	R203202D	SWITCHGEAR AND PROTECTION	23	D	3
20B81A0284	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	F	0
20B81A0285	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	17	F	0
20B81A0285	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	E	3
20B81A0285	R2032023	POWER SYSTEM ANALYSIS	17	F	0
20B81A0285	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A0285	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0285	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0285	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0285	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0285	R203202D	SWITCHGEAR AND PROTECTION	16	E	3
20B81A0285	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	F	0
20B81A0286	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	E	3
20B81A0286	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	18	C	3
20B81A0286	R2032023	POWER SYSTEM ANALYSIS	21	C	3
20B81A0286	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	8	B	1.5
20B81A0286	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0286	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0286	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0286	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0286	R203202D	SWITCHGEAR AND PROTECTION	25	F	0
20B81A0286	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	E	3
20B81A0287	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	D	3
20B81A0287	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	C	3
20B81A0287	R2032023	POWER SYSTEM ANALYSIS	25	B	3
20B81A0287	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0287	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0287	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0287	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0287	R2032028	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A0287	R203202D	SWITCHGEAR AND PROTECTION	27	B	3
20B81A0287	R203204G	PRINCIPLES OF SIGNAL PROCESSING	25	F	0
20B81A0288	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	17	F	0
20B81A0288	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	D	3
20B81A0288	R2032023	POWER SYSTEM ANALYSIS	19	E	3
20B81A0288	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	B	1.5
20B81A0288	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0288	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0288	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0288	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0288	R203202D	SWITCHGEAR AND PROTECTION	19	E	3
20B81A0288	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	E	3
20B81A0289	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	F	0
20B81A0289	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	D	3
20B81A0289	R2032023	POWER SYSTEM ANALYSIS	23	F	0
20B81A0289	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A	1.5
20B81A0289	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0289	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0289	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0289	R2032028	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A0289	R203202D	SWITCHGEAR AND PROTECTION	23	D	3
20B81A0289	R203204G	PRINCIPLES OF SIGNAL PROCESSING	21	E	3
20B81A0290	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
20B81A0290	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	B	3
20B81A0290	R2032023	POWER SYSTEM ANALYSIS	20	D	3
20B81A0290	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0290	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0290	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0290	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0290	R2032028	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A0290	R203202D	SWITCHGEAR AND PROTECTION	26	B	3
20B81A0290	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	B	3
20B81A0291	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	F	0
20B81A0291	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	D	3
20B81A0291	R2032023	POWER SYSTEM ANALYSIS	11	F	0
20B81A0291	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0291	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0291	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0291	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0291	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0291	R203202D	SWITCHGEAR AND PROTECTION	18	D	3
20B81A0291	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	F	0
20B81A0292	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	14	F	0
20B81A0292	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	F	0
20B81A0292	R2032023	POWER SYSTEM ANALYSIS	16	E	3
20B81A0292	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	B	1.5
20B81A0292	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0292	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A0292	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A0292	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0292	R203202D	SWITCHGEAR AND PROTECTION	15	F	0
20B81A0292	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	F	0
20B81A0293	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	17	F	0
20B81A0293	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	B	3
20B81A0293	R2032023	POWER SYSTEM ANALYSIS	20	D	3
20B81A0293	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A	1.5
20B81A0293	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0293	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0293	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0293	R2032028	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0293	R203202D	SWITCHGEAR AND PROTECTION	22	D	3
20B81A0293	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	E	3
20B81A0294	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	16	F	0
20B81A0294	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	E	3
20B81A0294	R2032023	POWER SYSTEM ANALYSIS	24	F	0
20B81A0294	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	A	1.5
20B81A0294	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0294	R2032026	POWER SYSTEMS AND SIMULATION LAB	15	B	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0294	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0294	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0294	R203202D	SWITCHGEAR AND PROTECTION	21	F	0
20B81A0294	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	F	0
20B81A0295	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	E	3
20B81A0295	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	A+	3
20B81A0295	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A0295	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0295	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0295	R2032026	POWER SYSTEMS AND SIMULATION LAB	15	A+	1.5
20B81A0295	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0295	R2032028	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A0295	R203202D	SWITCHGEAR AND PROTECTION	27	D	3
20B81A0295	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	D	3
20B81A0296	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
20B81A0296	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	C	3
20B81A0296	R2032023	POWER SYSTEM ANALYSIS	22	C	3
20B81A0296	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A0296	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A+	1.5
20B81A0296	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0296	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0296	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0296	R203202D	SWITCHGEAR AND PROTECTION	22	D	3
20B81A0296	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
20B81A0297	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	F	0
20B81A0297	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
20B81A0297	R2032023	POWER SYSTEM ANALYSIS	24	D	3
20B81A0297	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A0297	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0297	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A0297	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0297	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0297	R203202D	SWITCHGEAR AND PROTECTION	22	D	3
20B81A0297	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
20B81A0298	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	15	D	3
20B81A0298	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
20B81A0298	R2032023	POWER SYSTEM ANALYSIS	21	C	3
20B81A0298	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	A	1.5
20B81A0298	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0298	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A0298	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A0298	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0298	R203202D	SWITCHGEAR AND PROTECTION	22	C	3
20B81A0298	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	B	3
20B81A0299	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	E	3
20B81A0299	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	B	3
20B81A0299	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A0299	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	9	B	1.5
20B81A0299	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0299	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A0299	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0299	R2032028	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A0299	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
20B81A0299	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	B	3
20B81A02A0	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	17	F	0
20B81A02A0	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	D	3
20B81A02A0	R2032023	POWER SYSTEM ANALYSIS	21	D	3
20B81A02A0	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02A0	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A02A0	R2032026	POWER SYSTEMS AND SIMULATION LAB	15	A+	1.5
20B81A02A0	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02A0	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A02A0	R203202D	SWITCHGEAR AND PROTECTION	17	E	3
20B81A02A0	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	E	3
20B81A02A1	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	E	3
20B81A02A1	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	C	3
20B81A02A1	R2032023	POWER SYSTEM ANALYSIS	22	C	3
20B81A02A1	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02A1	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A02A1	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
20B81A02A1	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02A1	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A02A1	R203202D	SWITCHGEAR AND PROTECTION	26	D	3
20B81A02A1	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
20B81A02A2	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A02A2	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	C	3
20B81A02A2	R2032023	POWER SYSTEM ANALYSIS	20	C	3
20B81A02A2	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A02A2	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A02A2	R2032026	POWER SYSTEMS AND SIMULATION LAB	15	A+	1.5
20B81A02A2	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02A2	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A02A2	R203202D	SWITCHGEAR AND PROTECTION	23	D	3
20B81A02A2	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	C	3
20B81A02A3	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	F	0
20B81A02A3	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	D	3
20B81A02A3	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A02A3	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02A3	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
20B81A02A3	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A02A3	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A02A3	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A02A3	R203202D	SWITCHGEAR AND PROTECTION	24	D	3
20B81A02A3	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	F	0
20B81A02A5	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A02A5	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	C	3
20B81A02A5	R2032023	POWER SYSTEM ANALYSIS	22	B	3
20B81A02A5	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
20B81A02A5	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A02A5	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A02A5	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02A5	R2032028	RESEARCH METHODOLOGY	27	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A02A5	R203202D	SWITCHGEAR AND PROTECTION	24	C	3
20B81A02A5	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	B	3
20B81A02A6	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	F	0
20B81A02A6	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	F	0
20B81A02A6	R2032023	POWER SYSTEM ANALYSIS	19	AB	0
20B81A02A6	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	C	1.5
20B81A02A6	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
20B81A02A6	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	C	1.5
20B81A02A6	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A02A6	R2032028	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A02A6	R203202D	SWITCHGEAR AND PROTECTION	15	F	0
20B81A02A6	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	F	0
20B81A02A7	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
20B81A02A7	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	C	3
20B81A02A7	R2032023	POWER SYSTEM ANALYSIS	23	F	0
20B81A02A7	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	9	B	1.5
20B81A02A7	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	A	1.5
20B81A02A7	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A02A7	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02A7	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A02A7	R203202D	SWITCHGEAR AND PROTECTION	24	E	3
20B81A02A7	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
20B81A02A8	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	E	3
20B81A02A8	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	B	3
20B81A02A8	R2032023	POWER SYSTEM ANALYSIS	20	E	3
20B81A02A8	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02A8	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A02A8	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A02A8	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02A8	R2032028	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A02A8	R203202D	SWITCHGEAR AND PROTECTION	23	D	3
20B81A02A8	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	C	3
20B81A02A9	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	17	F	0
20B81A02A9	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	D	3
20B81A02A9	R2032023	POWER SYSTEM ANALYSIS	20	C	3
20B81A02A9	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02A9	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A02A9	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A02A9	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A02A9	R2032028	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A02A9	R203202D	SWITCHGEAR AND PROTECTION	24	E	3
20B81A02A9	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	F	0
20B81A02B0	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	12	F	0
20B81A02B0	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	F	0
20B81A02B0	R2032023	POWER SYSTEM ANALYSIS	12	F	0
20B81A02B0	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02B0	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A02B0	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A02B0	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A02B0	R2032028	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A02B0	R203202D	SWITCHGEAR AND PROTECTION	14	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A02B0	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	F	0
20B81A02B1	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	12	F	0
20B81A02B1	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	21	F	0
20B81A02B1	R2032023	POWER SYSTEM ANALYSIS	8	AB	0
20B81A02B1	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	10	C	1.5
20B81A02B1	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
20B81A02B1	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	C	1.5
20B81A02B1	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
20B81A02B1	R2032028	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A02B1	R203202D	SWITCHGEAR AND PROTECTION	15	F	0
20B81A02B1	R203204G	PRINCIPLES OF SIGNAL PROCESSING	13	F	0
20B81A02B2	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
20B81A02B2	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	B	3
20B81A02B2	R2032023	POWER SYSTEM ANALYSIS	24	C	3
20B81A02B2	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A02B2	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A02B2	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A02B2	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02B2	R2032028	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A02B2	R203202D	SWITCHGEAR AND PROTECTION	26	B	3
20B81A02B2	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	B	3
20B81A02B3	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	F	0
20B81A02B3	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	E	3
20B81A02B3	R2032023	POWER SYSTEM ANALYSIS	25	D	3
20B81A02B3	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	9	B	1.5
20B81A02B3	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A02B3	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A02B3	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02B3	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A02B3	R203202D	SWITCHGEAR AND PROTECTION	23	D	3
20B81A02B3	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	D	3
20B81A02B4	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	F	0
20B81A02B4	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	B	3
20B81A02B4	R2032023	POWER SYSTEM ANALYSIS	25	B	3
20B81A02B4	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02B4	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
20B81A02B4	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
20B81A02B4	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02B4	R2032028	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A02B4	R203202D	SWITCHGEAR AND PROTECTION	29	B	3
20B81A02B4	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	B	3
20B81A02B5	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	7	F	0
20B81A02B5	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	11	E	3
20B81A02B5	R2032023	POWER SYSTEM ANALYSIS	16	E	3
20B81A02B5	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02B5	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
20B81A02B5	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A02B5	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02B5	R2032028	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A02B5	R203202D	SWITCHGEAR AND PROTECTION	16	F	0
20B81A02B5	R203204G	PRINCIPLES OF SIGNAL PROCESSING	21	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A02B6	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
20B81A02B6	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	A	3
20B81A02B6	R2032023	POWER SYSTEM ANALYSIS	22	D	3
20B81A02B6	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
20B81A02B6	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A02B6	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
20B81A02B6	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02B6	R2032028	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A02B6	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
20B81A02B6	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	B	3
20B81A02B7	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	E	3
20B81A02B7	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	B	3
20B81A02B7	R2032023	POWER SYSTEM ANALYSIS	25	C	3
20B81A02B7	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
20B81A02B7	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A02B7	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
20B81A02B7	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
20B81A02B7	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A02B7	R203202D	SWITCHGEAR AND PROTECTION	21	D	3
20B81A02B7	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	C	3
20B81A0301	R2032031	HEAT TRANSFER	22	D	3
20B81A0301	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
20B81A0301	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	D	3
20B81A0301	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0301	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0301	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
20B81A0301	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0301	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0301	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
20B81A0301	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	C	3
20B81A0302	R2032031	HEAT TRANSFER	13	F	0
20B81A0302	R2032032	DESIGN OF MACHINE MEMBERS-II	18	F	0
20B81A0302	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	17	F	0
20B81A0302	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0302	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0302	R2032036	MEASUREMENTS & METROLOGY LAB	10	C	1.5
20B81A0302	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0302	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0302	R203203D	STATISTICAL QUALITY CONTROL	17	E	3
20B81A0302	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	14	E	3
20B81A0303	R2032031	HEAT TRANSFER	24	D	3
20B81A0303	R2032032	DESIGN OF MACHINE MEMBERS-II	24	B	3
20B81A0303	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
20B81A0303	R2032034	HEAT TRANSFER LAB	10	B	1.5
20B81A0303	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0303	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0303	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0303	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0303	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0303	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	C	3
20B81A0304	R2032031	HEAT TRANSFER	21	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0304	R2032032	DESIGN OF MACHINE MEMBERS-II	21	F	0
20B81A0304	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0304	R2032034	HEAT TRANSFER LAB	14	B	1.5
20B81A0304	R2032035	CAE&CAM LAB	11	B	1.5
20B81A0304	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
20B81A0304	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0304	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0304	R203203D	STATISTICAL QUALITY CONTROL	18	D	3
20B81A0304	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	D	3
20B81A0305	R2032031	HEAT TRANSFER	19	D	3
20B81A0305	R2032032	DESIGN OF MACHINE MEMBERS-II	20	D	3
20B81A0305	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	22	D	3
20B81A0305	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0305	R2032035	CAE&CAM LAB	14	A+	1.5
20B81A0305	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0305	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0305	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0305	R203203D	STATISTICAL QUALITY CONTROL	22	C	3
20B81A0305	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
20B81A0306	R2032031	HEAT TRANSFER	21	E	3
20B81A0306	R2032032	DESIGN OF MACHINE MEMBERS-II	20	D	3
20B81A0306	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	E	3
20B81A0306	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0306	R2032035	CAE&CAM LAB	14	A+	1.5
20B81A0306	R2032036	MEASUREMENTS & METROLOGY LAB	12	B	1.5
20B81A0306	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0306	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0306	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0306	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
20B81A0307	R2032031	HEAT TRANSFER	17	F	0
20B81A0307	R2032032	DESIGN OF MACHINE MEMBERS-II	17	F	0
20B81A0307	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	9	F	0
20B81A0307	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0307	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0307	R2032036	MEASUREMENTS & METROLOGY LAB	13	B	1.5
20B81A0307	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0307	R2032038	RESEARCH METHODOLOGY AND IPR	20	COMPLE	0
20B81A0307	R203203D	STATISTICAL QUALITY CONTROL	11	E	3
20B81A0307	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	F	0
20B81A0308	R2032031	HEAT TRANSFER	18	E	3
20B81A0308	R2032032	DESIGN OF MACHINE MEMBERS-II	21	F	0
20B81A0308	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	F	0
20B81A0308	R2032034	HEAT TRANSFER LAB	14	A	1.5
20B81A0308	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0308	R2032036	MEASUREMENTS & METROLOGY LAB	15	A	1.5
20B81A0308	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0308	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0308	R203203D	STATISTICAL QUALITY CONTROL	24	D	3
20B81A0308	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	E	3
20B81A0309	R2032031	HEAT TRANSFER	8	F	0
20B81A0309	R2032032	DESIGN OF MACHINE MEMBERS-II	10	AB	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0309	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	10	AB	0
20B81A0309	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0309	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0309	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0309	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
20B81A0309	R2032038	RESEARCH METHODOLOGY AND IPR	20	COMPLE	0
20B81A0309	R203203D	STATISTICAL QUALITY CONTROL	12	AB	0
20B81A0309	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	AB	0
20B81A0310	R2032031	HEAT TRANSFER	20	D	3
20B81A0310	R2032032	DESIGN OF MACHINE MEMBERS-II	22	D	3
20B81A0310	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
20B81A0310	R2032034	HEAT TRANSFER LAB	14	B	1.5
20B81A0310	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0310	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0310	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0310	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0310	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0310	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	B	3
20B81A0311	R2032031	HEAT TRANSFER	19	F	0
20B81A0311	R2032032	DESIGN OF MACHINE MEMBERS-II	20	D	3
20B81A0311	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	D	3
20B81A0311	R2032034	HEAT TRANSFER LAB	14	A	1.5
20B81A0311	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0311	R2032036	MEASUREMENTS & METROLOGY LAB	14	B	1.5
20B81A0311	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0311	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0311	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
20B81A0311	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	C	3
20B81A0312	R2032031	HEAT TRANSFER	22	F	0
20B81A0312	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
20B81A0312	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	C	3
20B81A0312	R2032034	HEAT TRANSFER LAB	14	B	1.5
20B81A0312	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0312	R2032036	MEASUREMENTS & METROLOGY LAB	15	A	1.5
20B81A0312	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0312	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0312	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
20B81A0312	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	D	3
20B81A0313	R2032031	HEAT TRANSFER	19	F	0
20B81A0313	R2032032	DESIGN OF MACHINE MEMBERS-II	22	F	0
20B81A0313	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	13	F	0
20B81A0313	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0313	R2032035	CAE&CAM LAB	11	B	1.5
20B81A0313	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0313	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0313	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0313	R203203D	STATISTICAL QUALITY CONTROL	13	E	3
20B81A0313	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	14	F	0
20B81A0314	R2032031	HEAT TRANSFER	11	F	0
20B81A0314	R2032032	DESIGN OF MACHINE MEMBERS-II	15	F	0
20B81A0314	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	14	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0314	R2032034	HEAT TRANSFER LAB	10	D	1.5
20B81A0314	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0314	R2032036	MEASUREMENTS & METROLOGY LAB	11	A	1.5
20B81A0314	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
20B81A0314	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0314	R203203D	STATISTICAL QUALITY CONTROL	7	F	0
20B81A0314	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	16	F	0
20B81A0315	R2032031	HEAT TRANSFER	16	F	0
20B81A0315	R2032032	DESIGN OF MACHINE MEMBERS-II	17	F	0
20B81A0315	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	15	F	0
20B81A0315	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0315	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0315	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0315	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0315	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0315	R203203D	STATISTICAL QUALITY CONTROL	17	F	0
20B81A0315	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	20	F	0
20B81A0316	R2032031	HEAT TRANSFER	23	D	3
20B81A0316	R2032032	DESIGN OF MACHINE MEMBERS-II	22	D	3
20B81A0316	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	C	3
20B81A0316	R2032034	HEAT TRANSFER LAB	15	B	1.5
20B81A0316	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0316	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0316	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0316	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0316	R203203D	STATISTICAL QUALITY CONTROL	26	C	3
20B81A0316	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	B	3
20B81A0317	R2032031	HEAT TRANSFER	22	D	3
20B81A0317	R2032032	DESIGN OF MACHINE MEMBERS-II	23	C	3
20B81A0317	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	C	3
20B81A0317	R2032034	HEAT TRANSFER LAB	14	B	1.5
20B81A0317	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0317	R2032036	MEASUREMENTS & METROLOGY LAB	15	A	1.5
20B81A0317	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0317	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0317	R203203D	STATISTICAL QUALITY CONTROL	26	C	3
20B81A0317	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	C	3
20B81A0318	R2032031	HEAT TRANSFER	18	E	3
20B81A0318	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
20B81A0318	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	F	0
20B81A0318	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0318	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0318	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0318	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0318	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0318	R203203D	STATISTICAL QUALITY CONTROL	24	D	3
20B81A0318	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	D	3
20B81A0319	R2032031	HEAT TRANSFER	22	E	3
20B81A0319	R2032032	DESIGN OF MACHINE MEMBERS-II	23	B	3
20B81A0319	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
20B81A0319	R2032034	HEAT TRANSFER LAB	13	B	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0319	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0319	R2032036	MEASUREMENTS & METROLOGY LAB	13	A+	1.5
20B81A0319	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0319	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0319	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
20B81A0319	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
20B81A0320	R2032031	HEAT TRANSFER	7	F	0
20B81A0320	R2032032	DESIGN OF MACHINE MEMBERS-II	13	F	0
20B81A0320	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	14	F	0
20B81A0320	R2032034	HEAT TRANSFER LAB	10	B	1.5
20B81A0320	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0320	R2032036	MEASUREMENTS & METROLOGY LAB	10	C	1.5
20B81A0320	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0320	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0320	R203203D	STATISTICAL QUALITY CONTROL	10	F	0
20B81A0320	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	13	F	0
20B81A0322	R2032031	HEAT TRANSFER	22	D	3
20B81A0322	R2032032	DESIGN OF MACHINE MEMBERS-II	20	E	3
20B81A0322	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
20B81A0322	R2032034	HEAT TRANSFER LAB	14	B	1.5
20B81A0322	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0322	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
20B81A0322	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0322	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0322	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
20B81A0322	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
20B81A0323	R2032031	HEAT TRANSFER	21	D	3
20B81A0323	R2032032	DESIGN OF MACHINE MEMBERS-II	23	B	3
20B81A0323	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	D	3
20B81A0323	R2032034	HEAT TRANSFER LAB	14	A	1.5
20B81A0323	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0323	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0323	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0323	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0323	R203203D	STATISTICAL QUALITY CONTROL	21	C	3
20B81A0323	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
20B81A0324	R2032031	HEAT TRANSFER	17	F	0
20B81A0324	R2032032	DESIGN OF MACHINE MEMBERS-II	19	D	3
20B81A0324	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	F	0
20B81A0324	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0324	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0324	R2032036	MEASUREMENTS & METROLOGY LAB	15	A	1.5
20B81A0324	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0324	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0324	R203203D	STATISTICAL QUALITY CONTROL	18	E	3
20B81A0324	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	D	3
20B81A0325	R2032031	HEAT TRANSFER	16	F	0
20B81A0325	R2032032	DESIGN OF MACHINE MEMBERS-II	21	F	0
20B81A0325	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0325	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0325	R2032035	CAE&CAM LAB	12	B	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0325	R2032036	MEASUREMENTS & METROLOGY LAB	13	B	1.5
20B81A0325	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0325	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0325	R203203D	STATISTICAL QUALITY CONTROL	19	D	3
20B81A0325	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	16	F	0
20B81A0326	R2032031	HEAT TRANSFER	17	E	3
20B81A0326	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
20B81A0326	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	D	3
20B81A0326	R2032034	HEAT TRANSFER LAB	9	D	1.5
20B81A0326	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0326	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0326	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0326	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0326	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
20B81A0326	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	C	3
20B81A0328	R2032031	HEAT TRANSFER	21	D	3
20B81A0328	R2032032	DESIGN OF MACHINE MEMBERS-II	21	F	0
20B81A0328	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	E	3
20B81A0328	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0328	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0328	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0328	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0328	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0328	R203203D	STATISTICAL QUALITY CONTROL	18	D	3
20B81A0328	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	D	3
20B81A0329	R2032031	HEAT TRANSFER	20	F	0
20B81A0329	R2032032	DESIGN OF MACHINE MEMBERS-II	22	C	3
20B81A0329	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0329	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0329	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0329	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0329	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0329	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0329	R203203D	STATISTICAL QUALITY CONTROL	23	C	3
20B81A0329	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	C	3
20B81A0330	R2032031	HEAT TRANSFER	20	D	3
20B81A0330	R2032032	DESIGN OF MACHINE MEMBERS-II	21	D	3
20B81A0330	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	D	3
20B81A0330	R2032034	HEAT TRANSFER LAB	14	B	1.5
20B81A0330	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0330	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0330	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0330	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0330	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
20B81A0330	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	B	3
20B81A0331	R2032031	HEAT TRANSFER	8	F	0
20B81A0331	R2032032	DESIGN OF MACHINE MEMBERS-II	13	F	0
20B81A0331	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	14	F	0
20B81A0331	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0331	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0331	R2032036	MEASUREMENTS & METROLOGY LAB	11	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0331	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
20B81A0331	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0331	R203203D	STATISTICAL QUALITY CONTROL	5	F	0
20B81A0331	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	13	F	0
20B81A0332	R2032031	HEAT TRANSFER	21	D	3
20B81A0332	R2032032	DESIGN OF MACHINE MEMBERS-II	21	C	3
20B81A0332	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	C	3
20B81A0332	R2032034	HEAT TRANSFER LAB	14	A	1.5
20B81A0332	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0332	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0332	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0332	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0332	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0332	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	B	3
20B81A0333	R2032031	HEAT TRANSFER	19	F	0
20B81A0333	R2032032	DESIGN OF MACHINE MEMBERS-II	21	D	3
20B81A0333	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0333	R2032034	HEAT TRANSFER LAB	10	AB	0
20B81A0333	R2032035	CAE&CAM LAB	12	AB	0
20B81A0333	R2032036	MEASUREMENTS & METROLOGY LAB	13	AB	0
20B81A0333	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	AB	0
20B81A0333	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0333	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0333	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	E	3
20B81A0334	R2032031	HEAT TRANSFER	19	F	0
20B81A0334	R2032032	DESIGN OF MACHINE MEMBERS-II	21	F	0
20B81A0334	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	16	F	0
20B81A0334	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0334	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0334	R2032036	MEASUREMENTS & METROLOGY LAB	15	A	1.5
20B81A0334	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0334	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0334	R203203D	STATISTICAL QUALITY CONTROL	21	E	3
20B81A0334	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	D	3
20B81A0335	R2032031	HEAT TRANSFER	18	E	3
20B81A0335	R2032032	DESIGN OF MACHINE MEMBERS-II	20	F	0
20B81A0335	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0335	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0335	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0335	R2032036	MEASUREMENTS & METROLOGY LAB	13	B	1.5
20B81A0335	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0335	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0335	R203203D	STATISTICAL QUALITY CONTROL	18	E	3
20B81A0335	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	D	3
20B81A0336	R2032031	HEAT TRANSFER	13	F	0
20B81A0336	R2032032	DESIGN OF MACHINE MEMBERS-II	16	F	0
20B81A0336	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	13	F	0
20B81A0336	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0336	R2032035	CAE&CAM LAB	11	B	1.5
20B81A0336	R2032036	MEASUREMENTS & METROLOGY LAB	10	A	1.5
20B81A0336	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0336	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0336	R203203D	STATISTICAL QUALITY CONTROL	9	F	0
20B81A0336	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	12	AB	0
20B81A0337	R2032031	HEAT TRANSFER	18	F	0
20B81A0337	R2032032	DESIGN OF MACHINE MEMBERS-II	20	D	3
20B81A0337	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	C	3
20B81A0337	R2032034	HEAT TRANSFER LAB	12	A	1.5
20B81A0337	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0337	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0337	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0337	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0337	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
20B81A0337	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	C	3
20B81A0338	R2032031	HEAT TRANSFER	21	D	3
20B81A0338	R2032032	DESIGN OF MACHINE MEMBERS-II	21	E	3
20B81A0338	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	D	3
20B81A0338	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0338	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0338	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0338	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0338	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0338	R203203D	STATISTICAL QUALITY CONTROL	26	D	3
20B81A0338	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	A	3
20B81A0339	R2032031	HEAT TRANSFER	17	F	0
20B81A0339	R2032032	DESIGN OF MACHINE MEMBERS-II	19	F	0
20B81A0339	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	19	D	3
20B81A0339	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0339	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0339	R2032036	MEASUREMENTS & METROLOGY LAB	13	B	1.5
20B81A0339	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0339	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0339	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
20B81A0339	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	D	3
20B81A0340	R2032031	HEAT TRANSFER	12	F	0
20B81A0340	R2032032	DESIGN OF MACHINE MEMBERS-II	20	F	0
20B81A0340	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	F	0
20B81A0340	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0340	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0340	R2032036	MEASUREMENTS & METROLOGY LAB	8	C	1.5
20B81A0340	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0340	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0340	R203203D	STATISTICAL QUALITY CONTROL	18	F	0
20B81A0340	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	F	0
20B81A0341	R2032031	HEAT TRANSFER	20	D	3
20B81A0341	R2032032	DESIGN OF MACHINE MEMBERS-II	24	B	3
20B81A0341	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	17	D	3
20B81A0341	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0341	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0341	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0341	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0341	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0341	R203203D	STATISTICAL QUALITY CONTROL	26	C	3
20B81A0341	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	C	3
20B81A0342	R2032031	HEAT TRANSFER	17	F	0
20B81A0342	R2032032	DESIGN OF MACHINE MEMBERS-II	17	F	0
20B81A0342	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	16	E	3
20B81A0342	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0342	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0342	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0342	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0342	R2032038	RESEARCH METHODOLOGY AND IPR	13	COMPLE	0
20B81A0342	R203203D	STATISTICAL QUALITY CONTROL	17	E	3
20B81A0342	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	16	E	3
20B81A0343	R2032031	HEAT TRANSFER	15	E	3
20B81A0343	R2032032	DESIGN OF MACHINE MEMBERS-II	13	E	3
20B81A0343	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	E	3
20B81A0343	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0343	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0343	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0343	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0343	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0343	R203203D	STATISTICAL QUALITY CONTROL	20	E	3
20B81A0343	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	D	3
20B81A0344	R2032031	HEAT TRANSFER	18	D	3
20B81A0344	R2032032	DESIGN OF MACHINE MEMBERS-II	21	C	3
20B81A0344	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	19	D	3
20B81A0344	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0344	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0344	R2032036	MEASUREMENTS & METROLOGY LAB	11	B	1.5
20B81A0344	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0344	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0344	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0344	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	C	3
20B81A0345	R2032031	HEAT TRANSFER	12	F	0
20B81A0345	R2032032	DESIGN OF MACHINE MEMBERS-II	16	F	0
20B81A0345	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	16	F	0
20B81A0345	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0345	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0345	R2032036	MEASUREMENTS & METROLOGY LAB	10	C	1.5
20B81A0345	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
20B81A0345	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0345	R203203D	STATISTICAL QUALITY CONTROL	12	F	0
20B81A0345	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	8	AB	0
20B81A0346	R2032031	HEAT TRANSFER	19	E	3
20B81A0346	R2032032	DESIGN OF MACHINE MEMBERS-II	21	E	3
20B81A0346	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
20B81A0346	R2032034	HEAT TRANSFER LAB	10	B	1.5
20B81A0346	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0346	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0346	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0346	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0346	R203203D	STATISTICAL QUALITY CONTROL	27	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0346	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	26	B	3
20B81A0347	R2032031	HEAT TRANSFER	20	C	3
20B81A0347	R2032032	DESIGN OF MACHINE MEMBERS-II	24	C	3
20B81A0347	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	C	3
20B81A0347	R2032034	HEAT TRANSFER LAB	11	A	1.5
20B81A0347	R2032035	CAE&CAM LAB	14	A+	1.5
20B81A0347	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0347	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0347	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0347	R203203D	STATISTICAL QUALITY CONTROL	24	D	3
20B81A0347	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	C	3
20B81A0348	R2032031	HEAT TRANSFER	19	D	3
20B81A0348	R2032032	DESIGN OF MACHINE MEMBERS-II	22	F	0
20B81A0348	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	D	3
20B81A0348	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0348	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0348	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
20B81A0348	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0348	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0348	R203203D	STATISTICAL QUALITY CONTROL	25	D	3
20B81A0348	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	D	3
20B81A0349	R2032031	HEAT TRANSFER	18	E	3
20B81A0349	R2032032	DESIGN OF MACHINE MEMBERS-II	20	E	3
20B81A0349	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	19	E	3
20B81A0349	R2032034	HEAT TRANSFER LAB	9	B	1.5
20B81A0349	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0349	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0349	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0349	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0349	R203203D	STATISTICAL QUALITY CONTROL	25	D	3
20B81A0349	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
20B81A0350	R2032031	HEAT TRANSFER	17	F	0
20B81A0350	R2032032	DESIGN OF MACHINE MEMBERS-II	19	F	0
20B81A0350	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	F	0
20B81A0350	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0350	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0350	R2032036	MEASUREMENTS & METROLOGY LAB	11	A	1.5
20B81A0350	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0350	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0350	R203203D	STATISTICAL QUALITY CONTROL	18	F	0
20B81A0350	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	16	AB	0
20B81A0351	R2032031	HEAT TRANSFER	22	D	3
20B81A0351	R2032032	DESIGN OF MACHINE MEMBERS-II	24	E	3
20B81A0351	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	B	3
20B81A0351	R2032034	HEAT TRANSFER LAB	12	B	1.5
20B81A0351	R2032035	CAE&CAM LAB	14	A+	1.5
20B81A0351	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0351	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0351	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0351	R203203D	STATISTICAL QUALITY CONTROL	26	C	3
20B81A0351	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	B	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0353	R2032031	HEAT TRANSFER	3	F	0
20B81A0353	R2032032	DESIGN OF MACHINE MEMBERS-II	3	F	0
20B81A0353	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	10	F	0
20B81A0353	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0353	R2032035	CAE&CAM LAB	12	AB	0
20B81A0353	R2032036	MEASUREMENTS & METROLOGY LAB	9	D	1.5
20B81A0353	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
20B81A0353	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0353	R203203D	STATISTICAL QUALITY CONTROL	8	F	0
20B81A0353	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	7	F	0
20B81A0354	R2032031	HEAT TRANSFER	12	F	0
20B81A0354	R2032032	DESIGN OF MACHINE MEMBERS-II	20	E	3
20B81A0354	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	19	E	3
20B81A0354	R2032034	HEAT TRANSFER LAB	13	C	1.5
20B81A0354	R2032035	CAE&CAM LAB	14	A+	1.5
20B81A0354	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0354	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0354	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0354	R203203D	STATISTICAL QUALITY CONTROL	22	F	0
20B81A0354	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	F	0
20B81A0355	R2032031	HEAT TRANSFER	20	F	0
20B81A0355	R2032032	DESIGN OF MACHINE MEMBERS-II	21	F	0
20B81A0355	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	17	F	0
20B81A0355	R2032034	HEAT TRANSFER LAB	12	C	1.5
20B81A0355	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0355	R2032036	MEASUREMENTS & METROLOGY LAB	10	C	1.5
20B81A0355	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0355	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0355	R203203D	STATISTICAL QUALITY CONTROL	20	F	0
20B81A0355	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	13	F	0
20B81A0356	R2032031	HEAT TRANSFER	17	F	0
20B81A0356	R2032032	DESIGN OF MACHINE MEMBERS-II	21	C	3
20B81A0356	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0356	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0356	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0356	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0356	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0356	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0356	R203203D	STATISTICAL QUALITY CONTROL	24	D	3
20B81A0356	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	F	0
20B81A0357	R2032031	HEAT TRANSFER	17	F	0
20B81A0357	R2032032	DESIGN OF MACHINE MEMBERS-II	19	F	0
20B81A0357	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	F	0
20B81A0357	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0357	R2032035	CAE&CAM LAB	14	A+	1.5
20B81A0357	R2032036	MEASUREMENTS & METROLOGY LAB	14	B	1.5
20B81A0357	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0357	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0357	R203203D	STATISTICAL QUALITY CONTROL	21	E	3
20B81A0357	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	D	3
20B81A0358	R2032031	HEAT TRANSFER	18	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0358	R2032032	DESIGN OF MACHINE MEMBERS-II	20	C	3
20B81A0358	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	19	E	3
20B81A0358	R2032034	HEAT TRANSFER LAB	12	B	1.5
20B81A0358	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0358	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0358	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0358	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0358	R203203D	STATISTICAL QUALITY CONTROL	22	C	3
20B81A0358	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	18	D	3
20B81A0359	R2032031	HEAT TRANSFER	14	F	0
20B81A0359	R2032032	DESIGN OF MACHINE MEMBERS-II	16	F	0
20B81A0359	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	16	F	0
20B81A0359	R2032034	HEAT TRANSFER LAB	12	C	1.5
20B81A0359	R2032035	CAE&CAM LAB	11	B	1.5
20B81A0359	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0359	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0359	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0359	R203203D	STATISTICAL QUALITY CONTROL	22	F	0
20B81A0359	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	F	0
20B81A0360	R2032031	HEAT TRANSFER	24	C	3
20B81A0360	R2032032	DESIGN OF MACHINE MEMBERS-II	24	D	3
20B81A0360	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	22	D	3
20B81A0360	R2032034	HEAT TRANSFER LAB	15	A+	1.5
20B81A0360	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0360	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
20B81A0360	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0360	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0360	R203203D	STATISTICAL QUALITY CONTROL	28	C	3
20B81A0360	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	D	3
20B81A0361	R2032031	HEAT TRANSFER	14	F	0
20B81A0361	R2032032	DESIGN OF MACHINE MEMBERS-II	20	F	0
20B81A0361	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	16	F	0
20B81A0361	R2032034	HEAT TRANSFER LAB	12	B	1.5
20B81A0361	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0361	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0361	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0361	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0361	R203203D	STATISTICAL QUALITY CONTROL	17	F	0
20B81A0361	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	F	0
20B81A0362	R2032031	HEAT TRANSFER	20	F	0
20B81A0362	R2032032	DESIGN OF MACHINE MEMBERS-II	20	E	3
20B81A0362	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	F	0
20B81A0362	R2032034	HEAT TRANSFER LAB	12	C	1.5
20B81A0362	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0362	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0362	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0362	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0362	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
20B81A0362	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	F	0
20B81A0363	R2032031	HEAT TRANSFER	18	E	3
20B81A0363	R2032032	DESIGN OF MACHINE MEMBERS-II	25	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0363	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0363	R2032034	HEAT TRANSFER LAB	13	A	1.5
20B81A0363	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0363	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0363	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0363	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0363	R203203D	STATISTICAL QUALITY CONTROL	25	D	3
20B81A0363	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	E	3
20B81A0364	R2032031	HEAT TRANSFER	13	F	0
20B81A0364	R2032032	DESIGN OF MACHINE MEMBERS-II	21	F	0
20B81A0364	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	15	F	0
20B81A0364	R2032034	HEAT TRANSFER LAB	9	D	1.5
20B81A0364	R2032035	CAE&CAM LAB	11	B	1.5
20B81A0364	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0364	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0364	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0364	R203203D	STATISTICAL QUALITY CONTROL	22	F	0
20B81A0364	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	F	0
20B81A0365	R2032031	HEAT TRANSFER	21	D	3
20B81A0365	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
20B81A0365	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	D	3
20B81A0365	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0365	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0365	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0365	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0365	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0365	R203203D	STATISTICAL QUALITY CONTROL	29	C	3
20B81A0365	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	26	B	3
20B81A0367	R2032031	HEAT TRANSFER	17	F	0
20B81A0367	R2032032	DESIGN OF MACHINE MEMBERS-II	21	E	3
20B81A0367	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	F	0
20B81A0367	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0367	R2032035	CAE&CAM LAB	12	B	1.5
20B81A0367	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0367	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0367	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0367	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
20B81A0367	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	E	3
20B81A0368	R2032031	HEAT TRANSFER	20	F	0
20B81A0368	R2032032	DESIGN OF MACHINE MEMBERS-II	24	F	0
20B81A0368	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	19	F	0
20B81A0368	R2032034	HEAT TRANSFER LAB	10	B	1.5
20B81A0368	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0368	R2032036	MEASUREMENTS & METROLOGY LAB	9	B	1.5
20B81A0368	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0368	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0368	R203203D	STATISTICAL QUALITY CONTROL	20	E	3
20B81A0368	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	F	0
20B81A0369	R2032031	HEAT TRANSFER	16	E	3
20B81A0369	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
20B81A0369	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0369	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0369	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0369	R2032036	MEASUREMENTS & METROLOGY LAB	10	A	1.5
20B81A0369	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0369	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0369	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
20B81A0369	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
20B81A0370	R2032031	HEAT TRANSFER	13	F	0
20B81A0370	R2032032	DESIGN OF MACHINE MEMBERS-II	19	D	3
20B81A0370	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	E	3
20B81A0370	R2032034	HEAT TRANSFER LAB	10	D	1.5
20B81A0370	R2032035	CAE&CAM LAB	14	A+	1.5
20B81A0370	R2032036	MEASUREMENTS & METROLOGY LAB	10	B	1.5
20B81A0370	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
20B81A0370	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0370	R203203D	STATISTICAL QUALITY CONTROL	21	E	3
20B81A0370	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	D	3
20B81A0371	R2032031	HEAT TRANSFER	14	F	0
20B81A0371	R2032032	DESIGN OF MACHINE MEMBERS-II	20	F	0
20B81A0371	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	17	F	0
20B81A0371	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0371	R2032035	CAE&CAM LAB	10	C	1.5
20B81A0371	R2032036	MEASUREMENTS & METROLOGY LAB	8	C	1.5
20B81A0371	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0371	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0371	R203203D	STATISTICAL QUALITY CONTROL	19	F	0
20B81A0371	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	F	0
20B81A0372	R2032031	HEAT TRANSFER	20	E	3
20B81A0372	R2032032	DESIGN OF MACHINE MEMBERS-II	13	E	3
20B81A0372	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	D	3
20B81A0372	R2032034	HEAT TRANSFER LAB	12	B	1.5
20B81A0372	R2032035	CAE&CAM LAB	14	A	1.5
20B81A0372	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0372	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0372	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
20B81A0372	R203203D	STATISTICAL QUALITY CONTROL	24	D	3
20B81A0372	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	C	3
20B81A0373	R2032031	HEAT TRANSFER	20	E	3
20B81A0373	R2032032	DESIGN OF MACHINE MEMBERS-II	11	E	3
20B81A0373	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	D	3
20B81A0373	R2032034	HEAT TRANSFER LAB	12	C	1.5
20B81A0373	R2032035	CAE&CAM LAB	13	B	1.5
20B81A0373	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0373	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0373	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0373	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
20B81A0373	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	D	3
20B81A0374	R2032031	HEAT TRANSFER	21	F	0
20B81A0374	R2032032	DESIGN OF MACHINE MEMBERS-II	7	F	0
20B81A0374	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	F	0
20B81A0374	R2032034	HEAT TRANSFER LAB	11	C	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0374	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0374	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0374	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0374	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0374	R203203D	STATISTICAL QUALITY CONTROL	15	F	0
20B81A0374	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	F	0
20B81A0375	R2032031	HEAT TRANSFER	17	F	0
20B81A0375	R2032032	DESIGN OF MACHINE MEMBERS-II	7	E	3
20B81A0375	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	22	E	3
20B81A0375	R2032034	HEAT TRANSFER LAB	8	E	1.5
20B81A0375	R2032035	CAE&CAM LAB	10	A	1.5
20B81A0375	R2032036	MEASUREMENTS & METROLOGY LAB	11	A	1.5
20B81A0375	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
20B81A0375	R2032038	RESEARCH METHODOLOGY AND IPR	20	COMPLE	0
20B81A0375	R203203D	STATISTICAL QUALITY CONTROL	19	E	3
20B81A0375	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	12	E	3
20B81A0376	R2032031	HEAT TRANSFER	17	F	0
20B81A0376	R2032032	DESIGN OF MACHINE MEMBERS-II	18	F	0
20B81A0376	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	F	0
20B81A0376	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0376	R2032035	CAE&CAM LAB	14	A	1.5
20B81A0376	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0376	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0376	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0376	R203203D	STATISTICAL QUALITY CONTROL	23	F	0
20B81A0376	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	13	F	0
20B81A0377	R2032031	HEAT TRANSFER	22	D	3
20B81A0377	R2032032	DESIGN OF MACHINE MEMBERS-II	19	F	0
20B81A0377	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
20B81A0377	R2032034	HEAT TRANSFER LAB	14	B	1.5
20B81A0377	R2032035	CAE&CAM LAB	14	A	1.5
20B81A0377	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
20B81A0377	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0377	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
20B81A0377	R203203D	STATISTICAL QUALITY CONTROL	25	D	3
20B81A0377	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	D	3
20B81A0379	R2032031	HEAT TRANSFER	14	F	0
20B81A0379	R2032032	DESIGN OF MACHINE MEMBERS-II	3	F	0
20B81A0379	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	12	F	0
20B81A0379	R2032034	HEAT TRANSFER LAB	10	D	1.5
20B81A0379	R2032035	CAE&CAM LAB	12	A	1.5
20B81A0379	R2032036	MEASUREMENTS & METROLOGY LAB	12	AB	0
20B81A0379	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0379	R2032038	RESEARCH METHODOLOGY AND IPR	12	COMPLE	0
20B81A0379	R203203D	STATISTICAL QUALITY CONTROL	12	F	0
20B81A0379	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	13	F	0
20B81A0380	R2032031	HEAT TRANSFER	19	F	0
20B81A0380	R2032032	DESIGN OF MACHINE MEMBERS-II	14	E	3
20B81A0380	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	D	3
20B81A0380	R2032034	HEAT TRANSFER LAB	11	C	1.5
20B81A0380	R2032035	CAE&CAM LAB	15	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0380	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0380	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0380	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
20B81A0380	R203203D	STATISTICAL QUALITY CONTROL	23	C	3
20B81A0380	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	E	3
20B81A0381	R2032031	HEAT TRANSFER	18	F	0
20B81A0381	R2032032	DESIGN OF MACHINE MEMBERS-II	8	F	0
20B81A0381	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	F	0
20B81A0381	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0381	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0381	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0381	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0381	R2032038	RESEARCH METHODOLOGY AND IPR	18	COMPLE	0
20B81A0381	R203203D	STATISTICAL QUALITY CONTROL	22	F	0
20B81A0381	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	F	0
20B81A0382	R2032031	HEAT TRANSFER	20	D	3
20B81A0382	R2032032	DESIGN OF MACHINE MEMBERS-II	10	E	3
20B81A0382	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	D	3
20B81A0382	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0382	R2032035	CAE&CAM LAB	14	A	1.5
20B81A0382	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0382	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0382	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0382	R203203D	STATISTICAL QUALITY CONTROL	24	D	3
20B81A0382	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	E	3
20B81A0383	R2032031	HEAT TRANSFER	18	D	3
20B81A0383	R2032032	DESIGN OF MACHINE MEMBERS-II	14	E	3
20B81A0383	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	D	3
20B81A0383	R2032034	HEAT TRANSFER LAB	9	D	1.5
20B81A0383	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0383	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0383	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0383	R2032038	RESEARCH METHODOLOGY AND IPR	15	COMPLE	0
20B81A0383	R203203D	STATISTICAL QUALITY CONTROL	19	D	3
20B81A0383	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	B	3
20B81A0384	R2032031	HEAT TRANSFER	19	F	0
20B81A0384	R2032032	DESIGN OF MACHINE MEMBERS-II	16	F	0
20B81A0384	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	F	0
20B81A0384	R2032034	HEAT TRANSFER LAB	10	B	1.5
20B81A0384	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0384	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0384	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0384	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
20B81A0384	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0384	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	E	3
20B81A0385	R2032031	HEAT TRANSFER	16	E	3
20B81A0385	R2032032	DESIGN OF MACHINE MEMBERS-II	17	E	3
20B81A0385	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	C	3
20B81A0385	R2032034	HEAT TRANSFER LAB	12	B	1.5
20B81A0385	R2032035	CAE&CAM LAB	12	A	1.5
20B81A0385	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0385	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0385	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
20B81A0385	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0385	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	D	3
20B81A0386	R2032031	HEAT TRANSFER	22	C	3
20B81A0386	R2032032	DESIGN OF MACHINE MEMBERS-II	18	C	3
20B81A0386	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	29	A	3
20B81A0386	R2032034	HEAT TRANSFER LAB	13	B	1.5
20B81A0386	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0386	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0386	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0386	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
20B81A0386	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
20B81A0386	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	F	0
20B81A0387	R2032031	HEAT TRANSFER	19	D	3
20B81A0387	R2032032	DESIGN OF MACHINE MEMBERS-II	15	D	3
20B81A0387	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	D	3
20B81A0387	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0387	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0387	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0387	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0387	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0387	R203203D	STATISTICAL QUALITY CONTROL	24	D	3
20B81A0387	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	C	3
20B81A0388	R2032031	HEAT TRANSFER	18	F	0
20B81A0388	R2032032	DESIGN OF MACHINE MEMBERS-II	12	E	3
20B81A0388	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	E	3
20B81A0388	R2032034	HEAT TRANSFER LAB	12	C	1.5
20B81A0388	R2032035	CAE&CAM LAB	12	A	1.5
20B81A0388	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0388	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0388	R2032038	RESEARCH METHODOLOGY AND IPR	20	COMPLE	0
20B81A0388	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0388	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	D	3
20B81A0389	R2032031	HEAT TRANSFER	19	E	3
20B81A0389	R2032032	DESIGN OF MACHINE MEMBERS-II	19	E	3
20B81A0389	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
20B81A0389	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0389	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0389	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0389	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0389	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
20B81A0389	R203203D	STATISTICAL QUALITY CONTROL	25	D	3
20B81A0389	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	D	3
20B81A0390	R2032031	HEAT TRANSFER	20	F	0
20B81A0390	R2032032	DESIGN OF MACHINE MEMBERS-II	10	F	0
20B81A0390	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
20B81A0390	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0390	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0390	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0390	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0390	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
20B81A0390	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0390	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	D	3
20B81A0391	R2032031	HEAT TRANSFER	17	D	3
20B81A0391	R2032032	DESIGN OF MACHINE MEMBERS-II	14	D	3
20B81A0391	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
20B81A0391	R2032034	HEAT TRANSFER LAB	10	B	1.5
20B81A0391	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0391	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0391	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0391	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
20B81A0391	R203203D	STATISTICAL QUALITY CONTROL	23	C	3
20B81A0391	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	C	3
20B81A0392	R2032031	HEAT TRANSFER	16	F	0
20B81A0392	R2032032	DESIGN OF MACHINE MEMBERS-II	13	D	3
20B81A0392	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
20B81A0392	R2032034	HEAT TRANSFER LAB	12	C	1.5
20B81A0392	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0392	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0392	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0392	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
20B81A0392	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
20B81A0392	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	14	D	3
20B81A0393	R2032031	HEAT TRANSFER	13	F	0
20B81A0393	R2032032	DESIGN OF MACHINE MEMBERS-II	11	F	0
20B81A0393	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	22	F	0
20B81A0393	R2032034	HEAT TRANSFER LAB	10	C	1.5
20B81A0393	R2032035	CAE&CAM LAB	13	A	1.5
20B81A0393	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0393	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0393	R2032038	RESEARCH METHODOLOGY AND IPR	12	COMPLE	0
20B81A0393	R203203D	STATISTICAL QUALITY CONTROL	8	F	0
20B81A0393	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	16	E	3
20B81A0394	R2032031	HEAT TRANSFER	22	F	0
20B81A0394	R2032032	DESIGN OF MACHINE MEMBERS-II	18	F	0
20B81A0394	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	D	3
20B81A0394	R2032034	HEAT TRANSFER LAB	11	C	1.5
20B81A0394	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0394	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0394	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0394	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
20B81A0394	R203203D	STATISTICAL QUALITY CONTROL	25	D	3
20B81A0394	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	C	3
20B81A0395	R2032031	HEAT TRANSFER	16	D	3
20B81A0395	R2032032	DESIGN OF MACHINE MEMBERS-II	13	D	3
20B81A0395	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	C	3
20B81A0395	R2032034	HEAT TRANSFER LAB	12	B	1.5
20B81A0395	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0395	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
20B81A0395	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0395	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0395	R203203D	STATISTICAL QUALITY CONTROL	20	D	3
20B81A0395	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	E	3
20B81A0396	R2032031	HEAT TRANSFER	16	F	0
20B81A0396	R2032032	DESIGN OF MACHINE MEMBERS-II	14	F	0
20B81A0396	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	E	3
20B81A0396	R2032034	HEAT TRANSFER LAB	11	B	1.5
20B81A0396	R2032035	CAE&CAM LAB	15	A	1.5
20B81A0396	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0396	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0396	R2032038	RESEARCH METHODOLOGY AND IPR	28	COMPLE	0
20B81A0396	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
20B81A0396	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	E	3
20B81A0397	R2032031	HEAT TRANSFER	18	D	3
20B81A0397	R2032032	DESIGN OF MACHINE MEMBERS-II	15	E	3
20B81A0397	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
20B81A0397	R2032034	HEAT TRANSFER LAB	12	B	1.5
20B81A0397	R2032035	CAE&CAM LAB	15	A+	1.5
20B81A0397	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
20B81A0397	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0397	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
20B81A0397	R203203D	STATISTICAL QUALITY CONTROL	26	D	3
20B81A0397	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	20	D	3
20B81A0398	R2032031	HEAT TRANSFER	16	E	3
20B81A0398	R2032032	DESIGN OF MACHINE MEMBERS-II	13	F	0
20B81A0398	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	20	E	3
20B81A0398	R2032034	HEAT TRANSFER LAB	9	C	1.5
20B81A0398	R2032035	CAE&CAM LAB	14	A	1.5
20B81A0398	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
20B81A0398	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
20B81A0398	R2032038	RESEARCH METHODOLOGY AND IPR	16	COMPLE	0
20B81A0398	R203203D	STATISTICAL QUALITY CONTROL	17	E	3
20B81A0398	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	D	3
20B81A0401	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A0401	R2032042	VLSI DESIGN	24	D	3
20B81A0401	R2032043	DIGITAL SIGNAL PROCESSING	22	D	3
20B81A0401	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0401	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0401	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A0401	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0401	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0401	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A0401	R203205F	PYTHON PROGRAMMING	23	D	3
20B81A0402	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	F	0
20B81A0402	R2032042	VLSI DESIGN	22	F	0
20B81A0402	R2032043	DIGITAL SIGNAL PROCESSING	24	F	0
20B81A0402	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	A	1.5
20B81A0402	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A0402	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	D	1.5
20B81A0402	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0402	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0402	R203204C	EMBEDDED SYSTEMS	21	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0402	R203205F	PYTHON PROGRAMMING	25	D	3
20B81A0405	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A0405	R2032042	VLSI DESIGN	19	E	3
20B81A0405	R2032043	DIGITAL SIGNAL PROCESSING	21	E	3
20B81A0405	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	8	C	1.5
20B81A0405	R2032045	VLSI DESIGN LAB	13	B	1.5
20B81A0405	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	F	0
20B81A0405	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0405	R2032048	RESEARCH METHODOLOGY	15	COMPLE	0
20B81A0405	R203204C	EMBEDDED SYSTEMS	21	E	3
20B81A0405	R203205F	PYTHON PROGRAMMING	23	D	3
20B81A0406	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A0406	R2032042	VLSI DESIGN	23	E	3
20B81A0406	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A0406	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0406	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0406	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	B	1.5
20B81A0406	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0406	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0
20B81A0406	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A0406	R203205F	PYTHON PROGRAMMING	21	D	3
20B81A0407	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A0407	R2032042	VLSI DESIGN	25	D	3
20B81A0407	R2032043	DIGITAL SIGNAL PROCESSING	23	C	3
20B81A0407	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0407	R2032045	VLSI DESIGN LAB	14	B	1.5
20B81A0407	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A	1.5
20B81A0407	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0407	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0407	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A0407	R203205F	PYTHON PROGRAMMING	21	D	3
20B81A0408	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	C	3
20B81A0408	R2032042	VLSI DESIGN	22	D	3
20B81A0408	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
20B81A0408	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0408	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0408	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A0408	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0408	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A0408	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A0408	R203205F	PYTHON PROGRAMMING	21	D	3
20B81A0409	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	29	C	3
20B81A0409	R2032042	VLSI DESIGN	30	C	3
20B81A0409	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A0409	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0409	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0409	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0409	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0409	R2032048	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A0409	R203204C	EMBEDDED SYSTEMS	28	C	3
20B81A0409	R203205F	PYTHON PROGRAMMING	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0410	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	A	3
20B81A0410	R2032042	VLSI DESIGN	27	C	3
20B81A0410	R2032043	DIGITAL SIGNAL PROCESSING	25	C	3
20B81A0410	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A0410	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0410	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A0410	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0410	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A0410	R203204C	EMBEDDED SYSTEMS	20	B	3
20B81A0410	R203205F	PYTHON PROGRAMMING	21	A	3
20B81A0411	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A0411	R2032042	VLSI DESIGN	25	D	3
20B81A0411	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A0411	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0411	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0411	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A0411	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0411	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0411	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A0411	R203205F	PYTHON PROGRAMMING	23	C	3
20B81A0412	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A0412	R2032042	VLSI DESIGN	22	D	3
20B81A0412	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A0412	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0412	R2032045	VLSI DESIGN LAB	13	B	1.5
20B81A0412	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A0412	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0412	R2032048	RESEARCH METHODOLOGY	14	COMPLE	0
20B81A0412	R203204C	EMBEDDED SYSTEMS	19	E	3
20B81A0412	R203205F	PYTHON PROGRAMMING	24	E	3
20B81A0413	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	15	F	0
20B81A0413	R2032042	VLSI DESIGN	12	F	0
20B81A0413	R2032043	DIGITAL SIGNAL PROCESSING	20	F	0
20B81A0413	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	B	1.5
20B81A0413	R2032045	VLSI DESIGN LAB	10	C	1.5
20B81A0413	R2032046	DIGITAL SIGNAL PROCESSING LAB	8	F	0
20B81A0413	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0413	R2032048	RESEARCH METHODOLOGY	0	COMPLE	0
20B81A0413	R203204C	EMBEDDED SYSTEMS	15	F	0
20B81A0413	R203205F	PYTHON PROGRAMMING	15	F	0
20B81A0414	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A0414	R2032042	VLSI DESIGN	27	C	3
20B81A0414	R2032043	DIGITAL SIGNAL PROCESSING	29	C	3
20B81A0414	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0414	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0414	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0414	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0414	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A0414	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A0414	R203205F	PYTHON PROGRAMMING	29	A+	3
20B81A0415	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0415	R2032042	VLSI DESIGN	26	D	3
20B81A0415	R2032043	DIGITAL SIGNAL PROCESSING	25	C	3
20B81A0415	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0415	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0415	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0415	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0415	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0415	R203204C	EMBEDDED SYSTEMS	24	F	0
20B81A0415	R203205F	PYTHON PROGRAMMING	27	B	3
20B81A0416	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	D	3
20B81A0416	R2032042	VLSI DESIGN	22	D	3
20B81A0416	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A0416	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0416	R2032045	VLSI DESIGN LAB	14	B	1.5
20B81A0416	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	D	1.5
20B81A0416	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0416	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A0416	R203204C	EMBEDDED SYSTEMS	22	E	3
20B81A0416	R203205F	PYTHON PROGRAMMING	23	E	3
20B81A0417	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A0417	R2032042	VLSI DESIGN	19	E	3
20B81A0417	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A0417	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0417	R2032045	VLSI DESIGN LAB	12	B	1.5
20B81A0417	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A0417	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0417	R2032048	RESEARCH METHODOLOGY	10	COMPLE	0
20B81A0417	R203204C	EMBEDDED SYSTEMS	17	E	3
20B81A0417	R203205F	PYTHON PROGRAMMING	22	C	3
20B81A0418	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	8	F	0
20B81A0418	R2032042	VLSI DESIGN	7	F	0
20B81A0418	R2032043	DIGITAL SIGNAL PROCESSING	0	F	0
20B81A0418	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	2	AB	0
20B81A0418	R2032045	VLSI DESIGN LAB	2	AB	0
20B81A0418	R2032046	DIGITAL SIGNAL PROCESSING LAB	2	AB	0
20B81A0418	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	AB	0
20B81A0418	R2032048	RESEARCH METHODOLOGY	5	COMPLE	0
20B81A0418	R203204C	EMBEDDED SYSTEMS	3	F	0
20B81A0418	R203205F	PYTHON PROGRAMMING	7	F	0
20B81A0419	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	19	C	3
20B81A0419	R2032042	VLSI DESIGN	18	E	3
20B81A0419	R2032043	DIGITAL SIGNAL PROCESSING	23	F	0
20B81A0419	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0419	R2032045	VLSI DESIGN LAB	13	C	1.5
20B81A0419	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A0419	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0419	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0419	R203204C	EMBEDDED SYSTEMS	21	C	3
20B81A0419	R203205F	PYTHON PROGRAMMING	22	D	3
20B81A0420	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	B	3
20B81A0420	R2032042	VLSI DESIGN	23	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0420	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A0420	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A+	1.5
20B81A0420	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0420	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A0420	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0420	R2032048	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0420	R203204C	EMBEDDED SYSTEMS	20	C	3
20B81A0420	R203205F	PYTHON PROGRAMMING	23	D	3
20B81A0421	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	D	3
20B81A0421	R2032042	VLSI DESIGN	21	C	3
20B81A0421	R2032043	DIGITAL SIGNAL PROCESSING	22	D	3
20B81A0421	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0421	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0421	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A0421	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0421	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0421	R203204C	EMBEDDED SYSTEMS	19	D	3
20B81A0421	R203205F	PYTHON PROGRAMMING	20	D	3
20B81A0422	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	B	3
20B81A0422	R2032042	VLSI DESIGN	25	C	3
20B81A0422	R2032043	DIGITAL SIGNAL PROCESSING	29	C	3
20B81A0422	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0422	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0422	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A+	1.5
20B81A0422	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0422	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0422	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A0422	R203205F	PYTHON PROGRAMMING	26	B	3
20B81A0423	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	E	3
20B81A0423	R2032042	VLSI DESIGN	19	E	3
20B81A0423	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A0423	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0423	R2032045	VLSI DESIGN LAB	13	B	1.5
20B81A0423	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	E	1.5
20B81A0423	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0423	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0423	R203204C	EMBEDDED SYSTEMS	19	E	3
20B81A0423	R203205F	PYTHON PROGRAMMING	18	E	3
20B81A0424	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	C	3
20B81A0424	R2032042	VLSI DESIGN	23	B	3
20B81A0424	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A0424	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0424	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0424	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0424	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0424	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A0424	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A0424	R203205F	PYTHON PROGRAMMING	26	D	3
20B81A0425	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	B	3
20B81A0425	R2032042	VLSI DESIGN	27	B	3
20B81A0425	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0425	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A0425	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0425	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
20B81A0425	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0425	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0425	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A0425	R203205F	PYTHON PROGRAMMING	27	A	3
20B81A0426	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	E	3
20B81A0426	R2032042	VLSI DESIGN	14	F	0
20B81A0426	R2032043	DIGITAL SIGNAL PROCESSING	17	E	3
20B81A0426	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0426	R2032045	VLSI DESIGN LAB	11	C	1.5
20B81A0426	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	D	1.5
20B81A0426	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0426	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
20B81A0426	R203204C	EMBEDDED SYSTEMS	15	E	3
20B81A0426	R203205F	PYTHON PROGRAMMING	16	F	0
20B81A0427	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	D	3
20B81A0427	R2032042	VLSI DESIGN	24	C	3
20B81A0427	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A0427	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0427	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0427	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A0427	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0427	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0427	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A0427	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A0428	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	15	E	3
20B81A0428	R2032042	VLSI DESIGN	15	F	0
20B81A0428	R2032043	DIGITAL SIGNAL PROCESSING	20	E	3
20B81A0428	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	B	1.5
20B81A0428	R2032045	VLSI DESIGN LAB	11	C	1.5
20B81A0428	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A0428	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0428	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
20B81A0428	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A0428	R203205F	PYTHON PROGRAMMING	20	F	0
20B81A0429	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	C	3
20B81A0429	R2032042	VLSI DESIGN	23	B	3
20B81A0429	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
20B81A0429	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0429	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0429	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A0429	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0429	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A0429	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A0429	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A0430	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	D	3
20B81A0430	R2032042	VLSI DESIGN	25	E	3
20B81A0430	R2032043	DIGITAL SIGNAL PROCESSING	28	D	3
20B81A0430	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0430	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0430	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0430	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0430	R2032048	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A0430	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A0430	R203205F	PYTHON PROGRAMMING	25	D	3
20B81A0431	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	D	3
20B81A0431	R2032042	VLSI DESIGN	24	E	3
20B81A0431	R2032043	DIGITAL SIGNAL PROCESSING	25	F	0
20B81A0431	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0431	R2032045	VLSI DESIGN LAB	14	B	1.5
20B81A0431	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	A	1.5
20B81A0431	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0431	R2032048	RESEARCH METHODOLOGY	14	COMPLE	0
20B81A0431	R203204C	EMBEDDED SYSTEMS	26	D	3
20B81A0431	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A0432	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	F	0
20B81A0432	R2032042	VLSI DESIGN	24	F	0
20B81A0432	R2032043	DIGITAL SIGNAL PROCESSING	27	D	3
20B81A0432	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0432	R2032045	VLSI DESIGN LAB	13	C	1.5
20B81A0432	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	D	1.5
20B81A0432	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0432	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
20B81A0432	R203204C	EMBEDDED SYSTEMS	25	F	0
20B81A0432	R203205F	PYTHON PROGRAMMING	25	F	0
20B81A0433	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	B	3
20B81A0433	R2032042	VLSI DESIGN	26	B	3
20B81A0433	R2032043	DIGITAL SIGNAL PROCESSING	28	D	3
20B81A0433	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0433	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0433	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A+	1.5
20B81A0433	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0433	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0433	R203204C	EMBEDDED SYSTEMS	26	B	3
20B81A0433	R203205F	PYTHON PROGRAMMING	23	B	3
20B81A0434	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	B	3
20B81A0434	R2032042	VLSI DESIGN	24	C	3
20B81A0434	R2032043	DIGITAL SIGNAL PROCESSING	29	C	3
20B81A0434	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A0434	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0434	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A0434	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0434	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0434	R203204C	EMBEDDED SYSTEMS	25	C	3
20B81A0434	R203205F	PYTHON PROGRAMMING	27	B	3
20B81A0435	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	A	3
20B81A0435	R2032042	VLSI DESIGN	29	A	3
20B81A0435	R2032043	DIGITAL SIGNAL PROCESSING	30	B	3
20B81A0435	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A	1.5
20B81A0435	R2032045	VLSI DESIGN LAB	14	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0435	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A+	1.5
20B81A0435	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0435	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0435	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A0435	R203205F	PYTHON PROGRAMMING	28	A	3
20B81A0436	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	B	3
20B81A0436	R2032042	VLSI DESIGN	28	B	3
20B81A0436	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A0436	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A0436	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0436	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
20B81A0436	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0436	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0436	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A0436	R203205F	PYTHON PROGRAMMING	29	D	3
20B81A0437	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	E	3
20B81A0437	R2032042	VLSI DESIGN	23	D	3
20B81A0437	R2032043	DIGITAL SIGNAL PROCESSING	21	F	0
20B81A0437	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0437	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0437	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
20B81A0437	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0437	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
20B81A0437	R203204C	EMBEDDED SYSTEMS	22	F	0
20B81A0437	R203205F	PYTHON PROGRAMMING	23	E	3
20B81A0438	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	30	B	3
20B81A0438	R2032042	VLSI DESIGN	29	C	3
20B81A0438	R2032043	DIGITAL SIGNAL PROCESSING	27	C	3
20B81A0438	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0438	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0438	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
20B81A0438	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0438	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0438	R203204C	EMBEDDED SYSTEMS	25	C	3
20B81A0438	R203205F	PYTHON PROGRAMMING	26	B	3
20B81A0439	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	D	3
20B81A0439	R2032042	VLSI DESIGN	25	F	0
20B81A0439	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
20B81A0439	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0439	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0439	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
20B81A0439	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0439	R2032048	RESEARCH METHODOLOGY	14	COMPLE	0
20B81A0439	R203204C	EMBEDDED SYSTEMS	21	D	3
20B81A0439	R203205F	PYTHON PROGRAMMING	26	D	3
20B81A0440	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	B	3
20B81A0440	R2032042	VLSI DESIGN	25	D	3
20B81A0440	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A0440	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0440	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0440	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0440	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0440	R2032048	RESEARCH METHODOLOGY	13	COMPLE	0
20B81A0440	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A0440	R203205F	PYTHON PROGRAMMING	27	C	3
20B81A0441	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	D	3
20B81A0441	R2032042	VLSI DESIGN	26	C	3
20B81A0441	R2032043	DIGITAL SIGNAL PROCESSING	28	F	0
20B81A0441	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0441	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0441	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A0441	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0441	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0
20B81A0441	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A0441	R203205F	PYTHON PROGRAMMING	29	C	3
20B81A0442	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	C	3
20B81A0442	R2032042	VLSI DESIGN	23	E	3
20B81A0442	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A0442	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	A	1.5
20B81A0442	R2032045	VLSI DESIGN LAB	14	B	1.5
20B81A0442	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A0442	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0442	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0442	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A0442	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A0443	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	17	E	3
20B81A0443	R2032042	VLSI DESIGN	15	F	0
20B81A0443	R2032043	DIGITAL SIGNAL PROCESSING	14	F	0
20B81A0443	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	B	1.5
20B81A0443	R2032045	VLSI DESIGN LAB	11	C	1.5
20B81A0443	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A0443	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0443	R2032048	RESEARCH METHODOLOGY	15	COMPLE	0
20B81A0443	R203204C	EMBEDDED SYSTEMS	16	E	3
20B81A0443	R203205F	PYTHON PROGRAMMING	17	E	3
20B81A0444	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	C	3
20B81A0444	R2032042	VLSI DESIGN	27	D	3
20B81A0444	R2032043	DIGITAL SIGNAL PROCESSING	23	C	3
20B81A0444	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0444	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0444	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A	1.5
20B81A0444	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0444	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0444	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A0444	R203205F	PYTHON PROGRAMMING	28	C	3
20B81A0445	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	C	3
20B81A0445	R2032042	VLSI DESIGN	23	D	3
20B81A0445	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A0445	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0445	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0445	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A0445	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0445	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0445	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A0445	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A0446	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A0446	R2032042	VLSI DESIGN	23	D	3
20B81A0446	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A0446	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	B	1.5
20B81A0446	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0446	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0446	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0446	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0446	R203204C	EMBEDDED SYSTEMS	25	D	3
20B81A0446	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A0447	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	D	3
20B81A0447	R2032042	VLSI DESIGN	16	D	3
20B81A0447	R2032043	DIGITAL SIGNAL PROCESSING	13	E	3
20B81A0447	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	8	C	1.5
20B81A0447	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0447	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	C	1.5
20B81A0447	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0447	R2032048	RESEARCH METHODOLOGY	15	COMPLE	0
20B81A0447	R203204C	EMBEDDED SYSTEMS	15	D	3
20B81A0447	R203205F	PYTHON PROGRAMMING	21	C	3
20B81A0448	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A0448	R2032042	VLSI DESIGN	22	F	0
20B81A0448	R2032043	DIGITAL SIGNAL PROCESSING	27	D	3
20B81A0448	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0448	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0448	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0448	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0448	R2032048	RESEARCH METHODOLOGY	14	COMPLE	0
20B81A0448	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A0448	R203205F	PYTHON PROGRAMMING	28	D	3
20B81A0449	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	D	3
20B81A0449	R2032042	VLSI DESIGN	21	E	3
20B81A0449	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
20B81A0449	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0449	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0449	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0449	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0449	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
20B81A0449	R203204C	EMBEDDED SYSTEMS	24	D	3
20B81A0449	R203205F	PYTHON PROGRAMMING	23	C	3
20B81A0450	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	D	3
20B81A0450	R2032042	VLSI DESIGN	22	E	3
20B81A0450	R2032043	DIGITAL SIGNAL PROCESSING	21	D	3
20B81A0450	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	B	1.5
20B81A0450	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0450	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0450	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0450	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0450	R203204C	EMBEDDED SYSTEMS	25	C	3
20B81A0450	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A0452	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A0452	R2032042	VLSI DESIGN	26	D	3
20B81A0452	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A0452	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	A	1.5
20B81A0452	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0452	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A0452	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0452	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0452	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A0452	R203205F	PYTHON PROGRAMMING	29	B	3
20B81A0453	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	17	F	0
20B81A0453	R2032042	VLSI DESIGN	17	F	0
20B81A0453	R2032043	DIGITAL SIGNAL PROCESSING	19	E	3
20B81A0453	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	B	1.5
20B81A0453	R2032045	VLSI DESIGN LAB	11	C	1.5
20B81A0453	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	D	1.5
20B81A0453	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0453	R2032048	RESEARCH METHODOLOGY	13	COMPLE	0
20B81A0453	R203204C	EMBEDDED SYSTEMS	17	E	3
20B81A0453	R203205F	PYTHON PROGRAMMING	17	E	3
20B81A0454	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A0454	R2032042	VLSI DESIGN	23	C	3
20B81A0454	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A0454	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	A	1.5
20B81A0454	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0454	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0454	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0454	R2032048	RESEARCH METHODOLOGY	14	COMPLE	0
20B81A0454	R203204C	EMBEDDED SYSTEMS	18	D	3
20B81A0454	R203205F	PYTHON PROGRAMMING	25	D	3
20B81A0455	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	D	3
20B81A0455	R2032042	VLSI DESIGN	23	D	3
20B81A0455	R2032043	DIGITAL SIGNAL PROCESSING	27	C	3
20B81A0455	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0455	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0455	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
20B81A0455	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0455	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0455	R203204C	EMBEDDED SYSTEMS	23	C	3
20B81A0455	R203205F	PYTHON PROGRAMMING	24	B	3
20B81A0456	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A0456	R2032042	VLSI DESIGN	26	C	3
20B81A0456	R2032043	DIGITAL SIGNAL PROCESSING	27	C	3
20B81A0456	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0456	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0456	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0456	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0456	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A0456	R203204C	EMBEDDED SYSTEMS	21	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0456	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A0457	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	B	3
20B81A0457	R2032042	VLSI DESIGN	27	C	3
20B81A0457	R2032043	DIGITAL SIGNAL PROCESSING	26	B	3
20B81A0457	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0457	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0457	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0457	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0457	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0457	R203204C	EMBEDDED SYSTEMS	28	B	3
20B81A0457	R203205F	PYTHON PROGRAMMING	28	D	3
20B81A0458	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	15	C	3
20B81A0458	R2032042	VLSI DESIGN	17	D	3
20B81A0458	R2032043	DIGITAL SIGNAL PROCESSING	22	D	3
20B81A0458	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	B	1.5
20B81A0458	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0458	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A0458	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0458	R2032048	RESEARCH METHODOLOGY	12	COMPLE	0
20B81A0458	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A0458	R203205F	PYTHON PROGRAMMING	22	C	3
20B81A0459	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	19	C	3
20B81A0459	R2032042	VLSI DESIGN	17	F	0
20B81A0459	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A0459	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	B	1.5
20B81A0459	R2032045	VLSI DESIGN LAB	11	C	1.5
20B81A0459	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	A	1.5
20B81A0459	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0459	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0
20B81A0459	R203204C	EMBEDDED SYSTEMS	20	C	3
20B81A0459	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A0460	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A0460	R2032042	VLSI DESIGN	20	E	3
20B81A0460	R2032043	DIGITAL SIGNAL PROCESSING	21	E	3
20B81A0460	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0460	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0460	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A0460	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0460	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0
20B81A0460	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A0460	R203205F	PYTHON PROGRAMMING	26	B	3
20B81A0461	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	13	F	0
20B81A0461	R2032042	VLSI DESIGN	14	E	3
20B81A0461	R2032043	DIGITAL SIGNAL PROCESSING	14	F	0
20B81A0461	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	7	B	1.5
20B81A0461	R2032045	VLSI DESIGN LAB	7	D	1.5
20B81A0461	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	F	0
20B81A0461	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	AB	0
20B81A0461	R2032048	RESEARCH METHODOLOGY	5	COMPLE	0
20B81A0461	R203204C	EMBEDDED SYSTEMS	11	F	0
20B81A0461	R203205F	PYTHON PROGRAMMING	7	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0462	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	12	F	0
20B81A0462	R2032042	VLSI DESIGN	15	E	3
20B81A0462	R2032043	DIGITAL SIGNAL PROCESSING	12	F	0
20B81A0462	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	B	1.5
20B81A0462	R2032045	VLSI DESIGN LAB	11	D	1.5
20B81A0462	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	F	0
20B81A0462	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0462	R2032048	RESEARCH METHODOLOGY	9	COMPLE	0
20B81A0462	R203204C	EMBEDDED SYSTEMS	14	E	3
20B81A0462	R203205F	PYTHON PROGRAMMING	14	F	0
20B81A0463	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3
20B81A0463	R2032042	VLSI DESIGN	29	B	3
20B81A0463	R2032043	DIGITAL SIGNAL PROCESSING	30	C	3
20B81A0463	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0463	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0463	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A0463	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0463	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0463	R203204C	EMBEDDED SYSTEMS	29	B	3
20B81A0463	R203205F	PYTHON PROGRAMMING	29	A+	3
20B81A0464	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A0464	R2032042	VLSI DESIGN	25	D	3
20B81A0464	R2032043	DIGITAL SIGNAL PROCESSING	25	F	0
20B81A0464	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0464	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0464	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A0464	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0464	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0464	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A0464	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A0465	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	19	D	3
20B81A0465	R2032042	VLSI DESIGN	26	F	0
20B81A0465	R2032043	DIGITAL SIGNAL PROCESSING	25	F	0
20B81A0465	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A0465	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A0465	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0465	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0465	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0465	R203204C	EMBEDDED SYSTEMS	24	D	3
20B81A0465	R203205F	PYTHON PROGRAMMING	23	F	0
20B81A0466	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	17	D	3
20B81A0466	R2032042	VLSI DESIGN	18	E	3
20B81A0466	R2032043	DIGITAL SIGNAL PROCESSING	18	E	3
20B81A0466	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
20B81A0466	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0466	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
20B81A0466	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0466	R2032048	RESEARCH METHODOLOGY	7	COMPLE	0
20B81A0466	R203204C	EMBEDDED SYSTEMS	16	E	3
20B81A0466	R203205F	PYTHON PROGRAMMING	20	F	0
20B81A0468	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0468	R2032042	VLSI DESIGN	29	C	3
20B81A0468	R2032043	DIGITAL SIGNAL PROCESSING	29	D	3
20B81A0468	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0468	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0468	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A0468	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0468	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0468	R203204C	EMBEDDED SYSTEMS	27	D	3
20B81A0468	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A0469	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	B	3
20B81A0469	R2032042	VLSI DESIGN	28	C	3
20B81A0469	R2032043	DIGITAL SIGNAL PROCESSING	30	C	3
20B81A0469	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	B	1.5
20B81A0469	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0469	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A0469	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0469	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0469	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A0469	R203205F	PYTHON PROGRAMMING	27	B	3
20B81A0470	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	F	0
20B81A0470	R2032042	VLSI DESIGN	22	F	0
20B81A0470	R2032043	DIGITAL SIGNAL PROCESSING	24	F	0
20B81A0470	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0470	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0470	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0470	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0470	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0470	R203204C	EMBEDDED SYSTEMS	20	F	0
20B81A0470	R203205F	PYTHON PROGRAMMING	22	F	0
20B81A0471	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	D	3
20B81A0471	R2032042	VLSI DESIGN	29	C	3
20B81A0471	R2032043	DIGITAL SIGNAL PROCESSING	29	D	3
20B81A0471	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0471	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0471	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0471	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0471	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A0471	R203204C	EMBEDDED SYSTEMS	25	C	3
20B81A0471	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A0472	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
20B81A0472	R2032042	VLSI DESIGN	24	E	3
20B81A0472	R2032043	DIGITAL SIGNAL PROCESSING	27	D	3
20B81A0472	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0472	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A0472	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A0472	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0472	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0472	R203204C	EMBEDDED SYSTEMS	24	D	3
20B81A0472	R203205F	PYTHON PROGRAMMING	23	C	3
20B81A0473	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	C	3
20B81A0473	R2032042	VLSI DESIGN	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0473	R2032043	DIGITAL SIGNAL PROCESSING	29	D	3
20B81A0473	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0473	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0473	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A0473	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0473	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A0473	R203204C	EMBEDDED SYSTEMS	29	C	3
20B81A0473	R203205F	PYTHON PROGRAMMING	27	C	3
20B81A0474	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	C	3
20B81A0474	R2032042	VLSI DESIGN	26	D	3
20B81A0474	R2032043	DIGITAL SIGNAL PROCESSING	22	D	3
20B81A0474	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A	1.5
20B81A0474	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0474	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0474	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0474	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A0474	R203204C	EMBEDDED SYSTEMS	24	B	3
20B81A0474	R203205F	PYTHON PROGRAMMING	25	D	3
20B81A0475	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	29	C	3
20B81A0475	R2032042	VLSI DESIGN	29	B	3
20B81A0475	R2032043	DIGITAL SIGNAL PROCESSING	30	C	3
20B81A0475	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A0475	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0475	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A0475	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0475	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0475	R203204C	EMBEDDED SYSTEMS	26	C	3
20B81A0475	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A0476	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
20B81A0476	R2032042	VLSI DESIGN	28	D	3
20B81A0476	R2032043	DIGITAL SIGNAL PROCESSING	27	C	3
20B81A0476	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0476	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0476	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A0476	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0476	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0476	R203204C	EMBEDDED SYSTEMS	28	B	3
20B81A0476	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A0477	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A0477	R2032042	VLSI DESIGN	29	C	3
20B81A0477	R2032043	DIGITAL SIGNAL PROCESSING	28	D	3
20B81A0477	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A0477	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A0477	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A0477	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0477	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0477	R203204C	EMBEDDED SYSTEMS	27	D	3
20B81A0477	R203205F	PYTHON PROGRAMMING	24	D	3
20B81A0478	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	E	3
20B81A0478	R2032042	VLSI DESIGN	25	F	0
20B81A0478	R2032043	DIGITAL SIGNAL PROCESSING	22	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0478	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0478	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A0478	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0478	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0478	R2032048	RESEARCH METHODOLOGY	13	COMPLE	0
20B81A0478	R203204C	EMBEDDED SYSTEMS	20	D	3
20B81A0478	R203205F	PYTHON PROGRAMMING	22	E	3
20B81A0479	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	F	0
20B81A0479	R2032042	VLSI DESIGN	25	F	0
20B81A0479	R2032043	DIGITAL SIGNAL PROCESSING	19	F	0
20B81A0479	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0479	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A0479	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A0479	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0479	R2032048	RESEARCH METHODOLOGY	13	NOT CO	0
20B81A0479	R203204C	EMBEDDED SYSTEMS	20	E	3
20B81A0479	R203205F	PYTHON PROGRAMMING	22	F	0
20B81A0480	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	16	D	3
20B81A0480	R2032042	VLSI DESIGN	21	E	3
20B81A0480	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
20B81A0480	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0480	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A0480	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0480	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0480	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0480	R203204C	EMBEDDED SYSTEMS	21	C	3
20B81A0480	R203205F	PYTHON PROGRAMMING	24	D	3
20B81A0482	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	C	3
20B81A0482	R2032042	VLSI DESIGN	25	D	3
20B81A0482	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A0482	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A0482	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0482	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A0482	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0482	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0482	R203204C	EMBEDDED SYSTEMS	26	C	3
20B81A0482	R203205F	PYTHON PROGRAMMING	25	D	3
20B81A0483	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	B	3
20B81A0483	R2032042	VLSI DESIGN	25	B	3
20B81A0483	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A0483	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0483	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0483	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A0483	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0483	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0483	R203204C	EMBEDDED SYSTEMS	25	C	3
20B81A0483	R203205F	PYTHON PROGRAMMING	26	D	3
20B81A0484	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
20B81A0484	R2032042	VLSI DESIGN	29	C	3
20B81A0484	R2032043	DIGITAL SIGNAL PROCESSING	29	D	3
20B81A0484	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0484	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0484	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A0484	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0484	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0484	R203204C	EMBEDDED SYSTEMS	23	C	3
20B81A0484	R203205F	PYTHON PROGRAMMING	27	A	3
20B81A0485	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A0485	R2032042	VLSI DESIGN	26	D	3
20B81A0485	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A0485	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A0485	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0485	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0485	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0485	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A0485	R203204C	EMBEDDED SYSTEMS	24	B	3
20B81A0485	R203205F	PYTHON PROGRAMMING	26	A	3
20B81A0486	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	B	3
20B81A0486	R2032042	VLSI DESIGN	29	C	3
20B81A0486	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A0486	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A0486	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0486	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
20B81A0486	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0486	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A0486	R203204C	EMBEDDED SYSTEMS	25	C	3
20B81A0486	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A0488	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	C	3
20B81A0488	R2032042	VLSI DESIGN	30	C	3
20B81A0488	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A0488	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A+	1.5
20B81A0488	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0488	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A0488	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0488	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0488	R203204C	EMBEDDED SYSTEMS	26	C	3
20B81A0488	R203205F	PYTHON PROGRAMMING	28	C	3
20B81A0489	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	29	A	3
20B81A0489	R2032042	VLSI DESIGN	30	B	3
20B81A0489	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A0489	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0489	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0489	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0489	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0489	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0489	R203204C	EMBEDDED SYSTEMS	26	B	3
20B81A0489	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A0490	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A0490	R2032042	VLSI DESIGN	30	C	3
20B81A0490	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A0490	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A0490	R2032045	VLSI DESIGN LAB	15	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0490	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0490	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0490	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0490	R203204C	EMBEDDED SYSTEMS	26	C	3
20B81A0490	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A0491	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A0491	R2032042	VLSI DESIGN	29	C	3
20B81A0491	R2032043	DIGITAL SIGNAL PROCESSING	29	C	3
20B81A0491	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A0491	R2032045	VLSI DESIGN LAB	15	A	1.5
20B81A0491	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0491	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0491	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0491	R203204C	EMBEDDED SYSTEMS	26	B	3
20B81A0491	R203205F	PYTHON PROGRAMMING	27	B	3
20B81A0492	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A0492	R2032042	VLSI DESIGN	27	F	0
20B81A0492	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A0492	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A0492	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0492	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0492	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0492	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A0492	R203204C	EMBEDDED SYSTEMS	25	A	3
20B81A0492	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A0493	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
20B81A0493	R2032042	VLSI DESIGN	26	C	3
20B81A0493	R2032043	DIGITAL SIGNAL PROCESSING	27	D	3
20B81A0493	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0493	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0493	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0493	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0493	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A0493	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A0493	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A0494	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	B	3
20B81A0494	R2032042	VLSI DESIGN	29	C	3
20B81A0494	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A0494	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A0494	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A0494	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A0494	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A0494	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A0494	R203204C	EMBEDDED SYSTEMS	26	A	3
20B81A0494	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A0495	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	B	3
20B81A0495	R2032042	VLSI DESIGN	27	D	3
20B81A0495	R2032043	DIGITAL SIGNAL PROCESSING	28	D	3
20B81A0495	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0495	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0495	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0495	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0495	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A0495	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A0495	R203205F	PYTHON PROGRAMMING	26	B	3
20B81A0496	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	B	3
20B81A0496	R2032042	VLSI DESIGN	30	C	3
20B81A0496	R2032043	DIGITAL SIGNAL PROCESSING	28	D	3
20B81A0496	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A0496	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A0496	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A0496	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A0496	R2032048	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A0496	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A0496	R203205F	PYTHON PROGRAMMING	29	C	3
20B81A0497	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	0	F	0
20B81A0497	R2032042	VLSI DESIGN	9	F	0
20B81A0497	R2032043	DIGITAL SIGNAL PROCESSING	9	F	0
20B81A0497	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	5	F	0
20B81A0497	R2032045	VLSI DESIGN LAB	3	AB	0
20B81A0497	R2032046	DIGITAL SIGNAL PROCESSING LAB	7	AB	0
20B81A0497	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	C	2
20B81A0497	R2032048	RESEARCH METHODOLOGY	0	COMPLE	0
20B81A0497	R203204C	EMBEDDED SYSTEMS	5	F	0
20B81A0497	R203205F	PYTHON PROGRAMMING	11	F	0
20B81A0498	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	E	3
20B81A0498	R2032042	VLSI DESIGN	26	D	3
20B81A0498	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A0498	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	C	1.5
20B81A0498	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A0498	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A0498	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0498	R2032048	RESEARCH METHODOLOGY	15	COMPLE	0
20B81A0498	R203204C	EMBEDDED SYSTEMS	19	C	3
20B81A0498	R203205F	PYTHON PROGRAMMING	22	C	3
20B81A0499	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	19	D	3
20B81A0499	R2032042	VLSI DESIGN	25	D	3
20B81A0499	R2032043	DIGITAL SIGNAL PROCESSING	22	E	3
20B81A0499	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A0499	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A0499	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A0499	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A0499	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A0499	R203204C	EMBEDDED SYSTEMS	23	F	0
20B81A0499	R203205F	PYTHON PROGRAMMING	20	D	3
20B81A04A0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3
20B81A04A0	R2032042	VLSI DESIGN	30	D	3
20B81A04A0	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A04A0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A04A0	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04A0	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A	1.5
20B81A04A0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04A0	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04A0	R203204C	EMBEDDED SYSTEMS	26	C	3
20B81A04A0	R203205F	PYTHON PROGRAMMING	25	D	3
20B81A04A2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
20B81A04A2	R2032042	VLSI DESIGN	26	C	3
20B81A04A2	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A04A2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A04A2	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A04A2	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04A2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04A2	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A04A2	R203204C	EMBEDDED SYSTEMS	20	E	3
20B81A04A2	R203205F	PYTHON PROGRAMMING	25	D	3
20B81A04A3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A04A3	R2032042	VLSI DESIGN	25	F	0
20B81A04A3	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A04A3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A04A3	R2032045	VLSI DESIGN LAB	15	A	1.5
20B81A04A3	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04A3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04A3	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A04A3	R203204C	EMBEDDED SYSTEMS	25	B	3
20B81A04A3	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04A4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	B	3
20B81A04A4	R2032042	VLSI DESIGN	30	C	3
20B81A04A4	R2032043	DIGITAL SIGNAL PROCESSING	29	B	3
20B81A04A4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A	1.5
20B81A04A4	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04A4	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A04A4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04A4	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A04A4	R203204C	EMBEDDED SYSTEMS	27	B	3
20B81A04A4	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04A5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	B	3
20B81A04A5	R2032042	VLSI DESIGN	28	C	3
20B81A04A5	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A04A5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04A5	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04A5	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A	1.5
20B81A04A5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04A5	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04A5	R203204C	EMBEDDED SYSTEMS	25	B	3
20B81A04A5	R203205F	PYTHON PROGRAMMING	25	E	3
20B81A04A6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A04A6	R2032042	VLSI DESIGN	28	D	3
20B81A04A6	R2032043	DIGITAL SIGNAL PROCESSING	24	C	3
20B81A04A6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A04A6	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04A6	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A	1.5
20B81A04A6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04A6	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04A6	R203204C	EMBEDDED SYSTEMS	24	D	3
20B81A04A6	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A04A7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A04A7	R2032042	VLSI DESIGN	25	E	3
20B81A04A7	R2032043	DIGITAL SIGNAL PROCESSING	27	D	3
20B81A04A7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A04A7	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04A7	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04A7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04A7	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A04A7	R203204C	EMBEDDED SYSTEMS	22	C	3
20B81A04A7	R203205F	PYTHON PROGRAMMING	21	E	3
20B81A04A8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	19	E	3
20B81A04A8	R2032042	VLSI DESIGN	26	D	3
20B81A04A8	R2032043	DIGITAL SIGNAL PROCESSING	27	F	0
20B81A04A8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A04A8	R2032045	VLSI DESIGN LAB	15	A	1.5
20B81A04A8	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A04A8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04A8	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04A8	R203204C	EMBEDDED SYSTEMS	23	C	3
20B81A04A8	R203205F	PYTHON PROGRAMMING	24	D	3
20B81A04A9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	9	F	0
20B81A04A9	R2032042	VLSI DESIGN	23	F	0
20B81A04A9	R2032043	DIGITAL SIGNAL PROCESSING	11	F	0
20B81A04A9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	3	F	0
20B81A04A9	R2032045	VLSI DESIGN LAB	3	AB	0
20B81A04A9	R2032046	DIGITAL SIGNAL PROCESSING LAB	8	AB	0
20B81A04A9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	C	2
20B81A04A9	R2032048	RESEARCH METHODOLOGY	0	COMPLE	0
20B81A04A9	R203204C	EMBEDDED SYSTEMS	15	F	0
20B81A04A9	R203205F	PYTHON PROGRAMMING	12	F	0
20B81A04B0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3
20B81A04B0	R2032042	VLSI DESIGN	30	B	3
20B81A04B0	R2032043	DIGITAL SIGNAL PROCESSING	30	B	3
20B81A04B0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A04B0	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04B0	R2032046	DIGITAL SIGNAL PROCESSING LAB	15	A+	1.5
20B81A04B0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04B0	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A04B0	R203204C	EMBEDDED SYSTEMS	28	B	3
20B81A04B0	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04B2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	B	3
20B81A04B2	R2032042	VLSI DESIGN	29	C	3
20B81A04B2	R2032043	DIGITAL SIGNAL PROCESSING	29	C	3
20B81A04B2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A04B2	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04B2	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A04B2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04B2	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04B2	R203204C	EMBEDDED SYSTEMS	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04B2	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04B3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	A	3
20B81A04B3	R2032042	VLSI DESIGN	30	B	3
20B81A04B3	R2032043	DIGITAL SIGNAL PROCESSING	28	B	3
20B81A04B3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A04B3	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04B3	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A04B3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04B3	R2032048	RESEARCH METHODOLOGY	14	COMPLE	0
20B81A04B3	R203204C	EMBEDDED SYSTEMS	25	B	3
20B81A04B3	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04B4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	D	3
20B81A04B4	R2032042	VLSI DESIGN	29	D	3
20B81A04B4	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A04B4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04B4	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04B4	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04B4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04B4	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A04B4	R203204C	EMBEDDED SYSTEMS	24	D	3
20B81A04B4	R203205F	PYTHON PROGRAMMING	24	F	0
20B81A04B5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	E	3
20B81A04B5	R2032042	VLSI DESIGN	26	D	3
20B81A04B5	R2032043	DIGITAL SIGNAL PROCESSING	24	F	0
20B81A04B5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04B5	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A04B5	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04B5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04B5	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A04B5	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A04B5	R203205F	PYTHON PROGRAMMING	23	F	0
20B81A04B6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	D	3
20B81A04B6	R2032042	VLSI DESIGN	24	E	3
20B81A04B6	R2032043	DIGITAL SIGNAL PROCESSING	24	F	0
20B81A04B6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04B6	R2032045	VLSI DESIGN LAB	14	A	1.5
20B81A04B6	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04B6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04B6	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A04B6	R203204C	EMBEDDED SYSTEMS	19	D	3
20B81A04B6	R203205F	PYTHON PROGRAMMING	22	D	3
20B81A04B7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	16	E	3
20B81A04B7	R2032042	VLSI DESIGN	21	D	3
20B81A04B7	R2032043	DIGITAL SIGNAL PROCESSING	19	F	0
20B81A04B7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	6	D	1.5
20B81A04B7	R2032045	VLSI DESIGN LAB	6	D	1.5
20B81A04B7	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
20B81A04B7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04B7	R2032048	RESEARCH METHODOLOGY	15	COMPLE	0
20B81A04B7	R203204C	EMBEDDED SYSTEMS	19	E	3
20B81A04B7	R203205F	PYTHON PROGRAMMING	20	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04B8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	B	3
20B81A04B8	R2032042	VLSI DESIGN	24	C	3
20B81A04B8	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A04B8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A04B8	R2032045	VLSI DESIGN LAB	15	A	1.5
20B81A04B8	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A	1.5
20B81A04B8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04B8	R2032048	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A04B8	R203204C	EMBEDDED SYSTEMS	25	B	3
20B81A04B8	R203205F	PYTHON PROGRAMMING	26	D	3
20B81A04B9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3
20B81A04B9	R2032042	VLSI DESIGN	30	C	3
20B81A04B9	R2032043	DIGITAL SIGNAL PROCESSING	29	C	3
20B81A04B9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A04B9	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04B9	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A04B9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04B9	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04B9	R203204C	EMBEDDED SYSTEMS	26	D	3
20B81A04B9	R203205F	PYTHON PROGRAMMING	27	B	3
20B81A04C0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	B	3
20B81A04C0	R2032042	VLSI DESIGN	29	D	3
20B81A04C0	R2032043	DIGITAL SIGNAL PROCESSING	27	C	3
20B81A04C0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A04C0	R2032045	VLSI DESIGN LAB	15	A	1.5
20B81A04C0	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04C0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04C0	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A04C0	R203204C	EMBEDDED SYSTEMS	26	B	3
20B81A04C0	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04C1	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	C	3
20B81A04C1	R2032042	VLSI DESIGN	30	C	3
20B81A04C1	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A04C1	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A04C1	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04C1	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04C1	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04C1	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04C1	R203204C	EMBEDDED SYSTEMS	25	D	3
20B81A04C1	R203205F	PYTHON PROGRAMMING	27	B	3
20B81A04C2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	14	E	3
20B81A04C2	R2032042	VLSI DESIGN	18	F	0
20B81A04C2	R2032043	DIGITAL SIGNAL PROCESSING	20	E	3
20B81A04C2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
20B81A04C2	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04C2	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04C2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04C2	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A04C2	R203204C	EMBEDDED SYSTEMS	16	E	3
20B81A04C2	R203205F	PYTHON PROGRAMMING	21	E	3
20B81A04C3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04C3	R2032042	VLSI DESIGN	29	C	3
20B81A04C3	R2032043	DIGITAL SIGNAL PROCESSING	24	C	3
20B81A04C3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A04C3	R2032045	VLSI DESIGN LAB	13	A+	1.5
20B81A04C3	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04C3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04C3	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A04C3	R203204C	EMBEDDED SYSTEMS	24	D	3
20B81A04C3	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A04C4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	C	3
20B81A04C4	R2032042	VLSI DESIGN	30	D	3
20B81A04C4	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
20B81A04C4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A04C4	R2032045	VLSI DESIGN LAB	15	A	1.5
20B81A04C4	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04C4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04C4	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
20B81A04C4	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A04C4	R203205F	PYTHON PROGRAMMING	25	C	3
20B81A04C5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	E	3
20B81A04C5	R2032042	VLSI DESIGN	20	D	3
20B81A04C5	R2032043	DIGITAL SIGNAL PROCESSING	20	F	0
20B81A04C5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A04C5	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04C5	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	B	1.5
20B81A04C5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04C5	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A04C5	R203204C	EMBEDDED SYSTEMS	21	E	3
20B81A04C5	R203205F	PYTHON PROGRAMMING	24	D	3
20B81A04C6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	D	3
20B81A04C6	R2032042	VLSI DESIGN	22	E	3
20B81A04C6	R2032043	DIGITAL SIGNAL PROCESSING	20	D	3
20B81A04C6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04C6	R2032045	VLSI DESIGN LAB	11	A	1.5
20B81A04C6	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	B	1.5
20B81A04C6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04C6	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04C6	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A04C6	R203205F	PYTHON PROGRAMMING	23	E	3
20B81A04C7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
20B81A04C7	R2032042	VLSI DESIGN	19	C	3
20B81A04C7	R2032043	DIGITAL SIGNAL PROCESSING	20	C	3
20B81A04C7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04C7	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04C7	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	B	1.5
20B81A04C7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04C7	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04C7	R203204C	EMBEDDED SYSTEMS	20	E	3
20B81A04C7	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A04C8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A04C8	R2032042	VLSI DESIGN	23	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04C8	R2032043	DIGITAL SIGNAL PROCESSING	24	E	3
20B81A04C8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	B	1.5
20B81A04C8	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04C8	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	A	1.5
20B81A04C8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04C8	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A04C8	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A04C8	R203205F	PYTHON PROGRAMMING	23	D	3
20B81A04C9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A04C9	R2032042	VLSI DESIGN	21	D	3
20B81A04C9	R2032043	DIGITAL SIGNAL PROCESSING	18	F	0
20B81A04C9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04C9	R2032045	VLSI DESIGN LAB	12	B	1.5
20B81A04C9	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	D	1.5
20B81A04C9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04C9	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A04C9	R203204C	EMBEDDED SYSTEMS	22	F	0
20B81A04C9	R203205F	PYTHON PROGRAMMING	22	D	3
20B81A04D0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	F	0
20B81A04D0	R2032042	VLSI DESIGN	19	F	0
20B81A04D0	R2032043	DIGITAL SIGNAL PROCESSING	17	E	3
20B81A04D0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04D0	R2032045	VLSI DESIGN LAB	10	B	1.5
20B81A04D0	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04D0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04D0	R2032048	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A04D0	R203204C	EMBEDDED SYSTEMS	19	F	0
20B81A04D0	R203205F	PYTHON PROGRAMMING	19	F	0
20B81A04D1	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	17	D	3
20B81A04D1	R2032042	VLSI DESIGN	17	D	3
20B81A04D1	R2032043	DIGITAL SIGNAL PROCESSING	18	E	3
20B81A04D1	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04D1	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04D1	R2032046	DIGITAL SIGNAL PROCESSING LAB	8	D	1.5
20B81A04D1	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04D1	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A04D1	R203204C	EMBEDDED SYSTEMS	14	E	3
20B81A04D1	R203205F	PYTHON PROGRAMMING	15	E	3
20B81A04D2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	9	F	0
20B81A04D2	R2032042	VLSI DESIGN	10	F	0
20B81A04D2	R2032043	DIGITAL SIGNAL PROCESSING	13	F	0
20B81A04D2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
20B81A04D2	R2032045	VLSI DESIGN LAB	10	B	1.5
20B81A04D2	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	D	1.5
20B81A04D2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04D2	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A04D2	R203204C	EMBEDDED SYSTEMS	10	F	0
20B81A04D2	R203205F	PYTHON PROGRAMMING	13	F	0
20B81A04D4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A04D4	R2032042	VLSI DESIGN	17	E	3
20B81A04D4	R2032043	DIGITAL SIGNAL PROCESSING	18	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04D4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04D4	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04D4	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	B	1.5
20B81A04D4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04D4	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04D4	R203204C	EMBEDDED SYSTEMS	17	F	0
20B81A04D4	R203205F	PYTHON PROGRAMMING	23	C	3
20B81A04D5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	E	3
20B81A04D5	R2032042	VLSI DESIGN	27	F	0
20B81A04D5	R2032043	DIGITAL SIGNAL PROCESSING	21	E	3
20B81A04D5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04D5	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04D5	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04D5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04D5	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04D5	R203204C	EMBEDDED SYSTEMS	17	F	0
20B81A04D5	R203205F	PYTHON PROGRAMMING	20	F	0
20B81A04D6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	D	3
20B81A04D6	R2032042	VLSI DESIGN	20	E	3
20B81A04D6	R2032043	DIGITAL SIGNAL PROCESSING	22	F	0
20B81A04D6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A04D6	R2032045	VLSI DESIGN LAB	10	B	1.5
20B81A04D6	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	B	1.5
20B81A04D6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04D6	R2032048	RESEARCH METHODOLOGY	20	COMPLE	0
20B81A04D6	R203204C	EMBEDDED SYSTEMS	18	E	3
20B81A04D6	R203205F	PYTHON PROGRAMMING	23	D	3
20B81A04D7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	D	3
20B81A04D7	R2032042	VLSI DESIGN	23	D	3
20B81A04D7	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04D7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A04D7	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04D7	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04D7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04D7	R2032048	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A04D7	R203204C	EMBEDDED SYSTEMS	26	C	3
20B81A04D7	R203205F	PYTHON PROGRAMMING	26	A	3
20B81A04D8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	A	3
20B81A04D8	R2032042	VLSI DESIGN	23	D	3
20B81A04D8	R2032043	DIGITAL SIGNAL PROCESSING	23	F	0
20B81A04D8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04D8	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04D8	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A04D8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04D8	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04D8	R203204C	EMBEDDED SYSTEMS	23	C	3
20B81A04D8	R203205F	PYTHON PROGRAMMING	22	B	3
20B81A04D9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	D	3
20B81A04D9	R2032042	VLSI DESIGN	24	C	3
20B81A04D9	R2032043	DIGITAL SIGNAL PROCESSING	24	C	3
20B81A04D9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04D9	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04D9	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
20B81A04D9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04D9	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04D9	R203204C	EMBEDDED SYSTEMS	22	C	3
20B81A04D9	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A04E0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	E	3
20B81A04E0	R2032042	VLSI DESIGN	22	E	3
20B81A04E0	R2032043	DIGITAL SIGNAL PROCESSING	21	F	0
20B81A04E0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04E0	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04E0	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	D	1.5
20B81A04E0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04E0	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A04E0	R203204C	EMBEDDED SYSTEMS	16	E	3
20B81A04E0	R203205F	PYTHON PROGRAMMING	23	C	3
20B81A04E1	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	E	3
20B81A04E1	R2032042	VLSI DESIGN	25	E	3
20B81A04E1	R2032043	DIGITAL SIGNAL PROCESSING	23	E	3
20B81A04E1	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A04E1	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A04E1	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
20B81A04E1	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04E1	R2032048	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A04E1	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A04E1	R203205F	PYTHON PROGRAMMING	27	A	3
20B81A04E2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
20B81A04E2	R2032042	VLSI DESIGN	23	D	3
20B81A04E2	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A04E2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
20B81A04E2	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A04E2	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04E2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04E2	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04E2	R203204C	EMBEDDED SYSTEMS	23	F	0
20B81A04E2	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A04E3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	E	3
20B81A04E3	R2032042	VLSI DESIGN	24	D	3
20B81A04E3	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
20B81A04E3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04E3	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04E3	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	C	1.5
20B81A04E3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04E3	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04E3	R203204C	EMBEDDED SYSTEMS	23	C	3
20B81A04E3	R203205F	PYTHON PROGRAMMING	21	D	3
20B81A04E4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	B	3
20B81A04E4	R2032042	VLSI DESIGN	20	C	3
20B81A04E4	R2032043	DIGITAL SIGNAL PROCESSING	17	C	3
20B81A04E4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
20B81A04E4	R2032045	VLSI DESIGN LAB	10	B	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04E4	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	C	1.5
20B81A04E4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04E4	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A04E4	R203204C	EMBEDDED SYSTEMS	16	D	3
20B81A04E4	R203205F	PYTHON PROGRAMMING	13	C	3
20B81A04E5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	E	3
20B81A04E5	R2032042	VLSI DESIGN	24	D	3
20B81A04E5	R2032043	DIGITAL SIGNAL PROCESSING	23	E	3
20B81A04E5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04E5	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04E5	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04E5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04E5	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04E5	R203204C	EMBEDDED SYSTEMS	20	D	3
20B81A04E5	R203205F	PYTHON PROGRAMMING	21	C	3
20B81A04E6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A04E6	R2032042	VLSI DESIGN	27	C	3
20B81A04E6	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04E6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04E6	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04E6	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	C	1.5
20B81A04E6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04E6	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04E6	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A04E6	R203205F	PYTHON PROGRAMMING	25	B	3
20B81A04E7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3
20B81A04E7	R2032042	VLSI DESIGN	26	C	3
20B81A04E7	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A04E7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	B	1.5
20B81A04E7	R2032045	VLSI DESIGN LAB	13	A+	1.5
20B81A04E7	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
20B81A04E7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04E7	R2032048	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A04E7	R203204C	EMBEDDED SYSTEMS	26	B	3
20B81A04E7	R203205F	PYTHON PROGRAMMING	26	D	3
20B81A04E8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	A	3
20B81A04E8	R2032042	VLSI DESIGN	29	C	3
20B81A04E8	R2032043	DIGITAL SIGNAL PROCESSING	28	D	3
20B81A04E8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
20B81A04E8	R2032045	VLSI DESIGN LAB	13	A+	1.5
20B81A04E8	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
20B81A04E8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04E8	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04E8	R203204C	EMBEDDED SYSTEMS	26	C	3
20B81A04E8	R203205F	PYTHON PROGRAMMING	29	A	3
20B81A04E9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A04E9	R2032042	VLSI DESIGN	23	D	3
20B81A04E9	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
20B81A04E9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
20B81A04E9	R2032045	VLSI DESIGN LAB	10	B	1.5
20B81A04E9	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04E9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04E9	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A04E9	R203204C	EMBEDDED SYSTEMS	20	C	3
20B81A04E9	R203205F	PYTHON PROGRAMMING	23	A+	3
20B81A04F0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	C	3
20B81A04F0	R2032042	VLSI DESIGN	26	D	3
20B81A04F0	R2032043	DIGITAL SIGNAL PROCESSING	23	C	3
20B81A04F0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A04F0	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04F0	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
20B81A04F0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04F0	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A04F0	R203204C	EMBEDDED SYSTEMS	22	D	3
20B81A04F0	R203205F	PYTHON PROGRAMMING	26	B	3
20B81A04F2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	D	3
20B81A04F2	R2032042	VLSI DESIGN	26	D	3
20B81A04F2	R2032043	DIGITAL SIGNAL PROCESSING	25	E	3
20B81A04F2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A04F2	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A04F2	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04F2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04F2	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04F2	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A04F2	R203205F	PYTHON PROGRAMMING	27	F	0
20B81A04F3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	C	3
20B81A04F3	R2032042	VLSI DESIGN	24	D	3
20B81A04F3	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04F3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04F3	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04F3	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
20B81A04F3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04F3	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04F3	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A04F3	R203205F	PYTHON PROGRAMMING	25	B	3
20B81A04F4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	19	E	3
20B81A04F4	R2032042	VLSI DESIGN	23	F	0
20B81A04F4	R2032043	DIGITAL SIGNAL PROCESSING	22	E	3
20B81A04F4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	B	1.5
20B81A04F4	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04F4	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	B	1.5
20B81A04F4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04F4	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04F4	R203204C	EMBEDDED SYSTEMS	20	E	3
20B81A04F4	R203205F	PYTHON PROGRAMMING	24	D	3
20B81A04F5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
20B81A04F5	R2032042	VLSI DESIGN	26	C	3
20B81A04F5	R2032043	DIGITAL SIGNAL PROCESSING	20	D	3
20B81A04F5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04F5	R2032045	VLSI DESIGN LAB	10	B	1.5
20B81A04F5	R2032046	DIGITAL SIGNAL PROCESSING LAB	8	D	1.5
20B81A04F5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04F5	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04F5	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A04F5	R203205F	PYTHON PROGRAMMING	23	D	3
20B81A04F6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	D	3
20B81A04F6	R2032042	VLSI DESIGN	27	B	3
20B81A04F6	R2032043	DIGITAL SIGNAL PROCESSING	24	C	3
20B81A04F6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A04F6	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04F6	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A04F6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04F6	R2032048	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A04F6	R203204C	EMBEDDED SYSTEMS	26	B	3
20B81A04F6	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04F7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	B	3
20B81A04F7	R2032042	VLSI DESIGN	26	C	3
20B81A04F7	R2032043	DIGITAL SIGNAL PROCESSING	25	F	0
20B81A04F7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04F7	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04F7	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A04F7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04F7	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04F7	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A04F7	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A04F8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	D	3
20B81A04F8	R2032042	VLSI DESIGN	29	C	3
20B81A04F8	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A04F8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A04F8	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A04F8	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04F8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04F8	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04F8	R203204C	EMBEDDED SYSTEMS	21	C	3
20B81A04F8	R203205F	PYTHON PROGRAMMING	19	C	3
20B81A04F9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	D	3
20B81A04F9	R2032042	VLSI DESIGN	28	D	3
20B81A04F9	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04F9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A04F9	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04F9	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04F9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04F9	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04F9	R203204C	EMBEDDED SYSTEMS	21	D	3
20B81A04F9	R203205F	PYTHON PROGRAMMING	27	C	3
20B81A04G0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	AB	0
20B81A04G0	R2032042	VLSI DESIGN	23	AB	0
20B81A04G0	R2032043	DIGITAL SIGNAL PROCESSING	21	AB	0
20B81A04G0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	AB	0
20B81A04G0	R2032045	VLSI DESIGN LAB	10	AB	0
20B81A04G0	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	AB	0
20B81A04G0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	AB	0
20B81A04G0	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04G0	R203204C	EMBEDDED SYSTEMS	19	AB	0
20B81A04G0	R203205F	PYTHON PROGRAMMING	20	AB	0
20B81A04G1	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	17	D	3
20B81A04G1	R2032042	VLSI DESIGN	19	F	0
20B81A04G1	R2032043	DIGITAL SIGNAL PROCESSING	17	F	0
20B81A04G1	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
20B81A04G1	R2032045	VLSI DESIGN LAB	10	B	1.5
20B81A04G1	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	D	1.5
20B81A04G1	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04G1	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0
20B81A04G1	R203204C	EMBEDDED SYSTEMS	19	F	0
20B81A04G1	R203205F	PYTHON PROGRAMMING	19	F	0
20B81A04G2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	17	E	3
20B81A04G2	R2032042	VLSI DESIGN	26	C	3
20B81A04G2	R2032043	DIGITAL SIGNAL PROCESSING	21	E	3
20B81A04G2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A+	1.5
20B81A04G2	R2032045	VLSI DESIGN LAB	12	A+	1.5
20B81A04G2	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
20B81A04G2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04G2	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04G2	R203204C	EMBEDDED SYSTEMS	23	B	3
20B81A04G2	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A04G3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	F	0
20B81A04G3	R2032042	VLSI DESIGN	19	F	0
20B81A04G3	R2032043	DIGITAL SIGNAL PROCESSING	19	F	0
20B81A04G3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
20B81A04G3	R2032045	VLSI DESIGN LAB	11	A	1.5
20B81A04G3	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A04G3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
20B81A04G3	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A04G3	R203204C	EMBEDDED SYSTEMS	18	F	0
20B81A04G3	R203205F	PYTHON PROGRAMMING	20	F	0
20B81A04G4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3
20B81A04G4	R2032042	VLSI DESIGN	26	C	3
20B81A04G4	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04G4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	B	1.5
20B81A04G4	R2032045	VLSI DESIGN LAB	13	A+	1.5
20B81A04G4	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A04G4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04G4	R2032048	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A04G4	R203204C	EMBEDDED SYSTEMS	25	D	3
20B81A04G4	R203205F	PYTHON PROGRAMMING	28	C	3
20B81A04G5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	C	3
20B81A04G5	R2032042	VLSI DESIGN	22	D	3
20B81A04G5	R2032043	DIGITAL SIGNAL PROCESSING	22	D	3
20B81A04G5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A04G5	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04G5	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04G5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04G5	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04G5	R203204C	EMBEDDED SYSTEMS	21	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04G5	R203205F	PYTHON PROGRAMMING	24	D	3
20B81A04G6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	D	3
20B81A04G6	R2032042	VLSI DESIGN	24	C	3
20B81A04G6	R2032043	DIGITAL SIGNAL PROCESSING	23	E	3
20B81A04G6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	A	1.5
20B81A04G6	R2032045	VLSI DESIGN LAB	13	A+	1.5
20B81A04G6	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
20B81A04G6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04G6	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04G6	R203204C	EMBEDDED SYSTEMS	25	C	3
20B81A04G6	R203205F	PYTHON PROGRAMMING	27	C	3
20B81A04G7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	16	E	3
20B81A04G7	R2032042	VLSI DESIGN	21	F	0
20B81A04G7	R2032043	DIGITAL SIGNAL PROCESSING	20	F	0
20B81A04G7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04G7	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04G7	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A04G7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04G7	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A04G7	R203204C	EMBEDDED SYSTEMS	21	E	3
20B81A04G7	R203205F	PYTHON PROGRAMMING	23	F	0
20B81A04G8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	B	3
20B81A04G8	R2032042	VLSI DESIGN	29	B	3
20B81A04G8	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
20B81A04G8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
20B81A04G8	R2032045	VLSI DESIGN LAB	15	A+	1.5
20B81A04G8	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
20B81A04G8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04G8	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04G8	R203204C	EMBEDDED SYSTEMS	27	A	3
20B81A04G8	R203205F	PYTHON PROGRAMMING	29	B	3
20B81A04G9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A04G9	R2032042	VLSI DESIGN	24	E	3
20B81A04G9	R2032043	DIGITAL SIGNAL PROCESSING	22	E	3
20B81A04G9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
20B81A04G9	R2032045	VLSI DESIGN LAB	10	B	1.5
20B81A04G9	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04G9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04G9	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A04G9	R203204C	EMBEDDED SYSTEMS	17	E	3
20B81A04G9	R203205F	PYTHON PROGRAMMING	20	F	0
20B81A04H0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	D	3
20B81A04H0	R2032042	VLSI DESIGN	24	D	3
20B81A04H0	R2032043	DIGITAL SIGNAL PROCESSING	22	E	3
20B81A04H0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
20B81A04H0	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04H0	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
20B81A04H0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04H0	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A04H0	R203204C	EMBEDDED SYSTEMS	19	D	3
20B81A04H0	R203205F	PYTHON PROGRAMMING	23	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04H1	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A04H1	R2032042	VLSI DESIGN	26	C	3
20B81A04H1	R2032043	DIGITAL SIGNAL PROCESSING	24	E	3
20B81A04H1	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
20B81A04H1	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04H1	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	C	1.5
20B81A04H1	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04H1	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
20B81A04H1	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A04H1	R203205F	PYTHON PROGRAMMING	24	C	3
20B81A04H2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	E	3
20B81A04H2	R2032042	VLSI DESIGN	25	D	3
20B81A04H2	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04H2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
20B81A04H2	R2032045	VLSI DESIGN LAB	14	A+	1.5
20B81A04H2	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A04H2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04H2	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04H2	R203204C	EMBEDDED SYSTEMS	23	D	3
20B81A04H2	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04H3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	C	3
20B81A04H3	R2032042	VLSI DESIGN	28	B	3
20B81A04H3	R2032043	DIGITAL SIGNAL PROCESSING	28	D	3
20B81A04H3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A	1.5
20B81A04H3	R2032045	VLSI DESIGN LAB	13	A+	1.5
20B81A04H3	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
20B81A04H3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04H3	R2032048	RESEARCH METHODOLOGY	29	COMPLE	0
20B81A04H3	R203204C	EMBEDDED SYSTEMS	27	C	3
20B81A04H3	R203205F	PYTHON PROGRAMMING	26	C	3
20B81A04H4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	23	C	3
20B81A04H4	R2032042	VLSI DESIGN	22	D	3
20B81A04H4	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04H4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	B	1.5
20B81A04H4	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04H4	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04H4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04H4	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
20B81A04H4	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A04H4	R203205F	PYTHON PROGRAMMING	27	C	3
20B81A04H5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	C	3
20B81A04H5	R2032042	VLSI DESIGN	25	D	3
20B81A04H5	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
20B81A04H5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
20B81A04H5	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04H5	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A	1.5
20B81A04H5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04H5	R2032048	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A04H5	R203204C	EMBEDDED SYSTEMS	24	D	3
20B81A04H5	R203205F	PYTHON PROGRAMMING	20	D	3
20B81A04H6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04H6	R2032042	VLSI DESIGN	19	D	3
20B81A04H6	R2032043	DIGITAL SIGNAL PROCESSING	21	E	3
20B81A04H6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
20B81A04H6	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04H6	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A04H6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04H6	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A04H6	R203204C	EMBEDDED SYSTEMS	19	E	3
20B81A04H6	R203205F	PYTHON PROGRAMMING	21	D	3
20B81A04H7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A04H7	R2032042	VLSI DESIGN	23	C	3
20B81A04H7	R2032043	DIGITAL SIGNAL PROCESSING	21	E	3
20B81A04H7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	B	1.5
20B81A04H7	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04H7	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A04H7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04H7	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A04H7	R203204C	EMBEDDED SYSTEMS	18	E	3
20B81A04H7	R203205F	PYTHON PROGRAMMING	16	E	3
20B81A04H8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	C	3
20B81A04H8	R2032042	VLSI DESIGN	25	D	3
20B81A04H8	R2032043	DIGITAL SIGNAL PROCESSING	22	D	3
20B81A04H8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A	1.5
20B81A04H8	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04H8	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A	1.5
20B81A04H8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04H8	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04H8	R203204C	EMBEDDED SYSTEMS	24	C	3
20B81A04H8	R203205F	PYTHON PROGRAMMING	27	C	3
20B81A04H9	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	F	0
20B81A04H9	R2032042	VLSI DESIGN	22	D	3
20B81A04H9	R2032043	DIGITAL SIGNAL PROCESSING	23	F	0
20B81A04H9	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
20B81A04H9	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04H9	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	C	1.5
20B81A04H9	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04H9	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
20B81A04H9	R203204C	EMBEDDED SYSTEMS	18	E	3
20B81A04H9	R203205F	PYTHON PROGRAMMING	19	E	3
20B81A04I0	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	B	3
20B81A04I0	R2032042	VLSI DESIGN	28	B	3
20B81A04I0	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
20B81A04I0	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
20B81A04I0	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04I0	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A	1.5
20B81A04I0	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04I0	R2032048	RESEARCH METHODOLOGY	28	COMPLE	0
20B81A04I0	R203204C	EMBEDDED SYSTEMS	24	B	3
20B81A04I0	R203205F	PYTHON PROGRAMMING	28	B	3
20B81A04I1	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
20B81A04I1	R2032042	VLSI DESIGN	22	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A04I1	R2032043	DIGITAL SIGNAL PROCESSING	21	F	0
20B81A04I1	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	D	1.5
20B81A04I1	R2032045	VLSI DESIGN LAB	9	B	1.5
20B81A04I1	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	C	1.5
20B81A04I1	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04I1	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
20B81A04I1	R203204C	EMBEDDED SYSTEMS	18	F	0
20B81A04I1	R203205F	PYTHON PROGRAMMING	22	C	3
20B81A04I2	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	E	3
20B81A04I2	R2032042	VLSI DESIGN	21	E	3
20B81A04I2	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
20B81A04I2	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04I2	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04I2	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04I2	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04I2	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
20B81A04I2	R203204C	EMBEDDED SYSTEMS	17	E	3
20B81A04I2	R203205F	PYTHON PROGRAMMING	14	E	3
20B81A04I3	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	17	D	3
20B81A04I3	R2032042	VLSI DESIGN	17	D	3
20B81A04I3	R2032043	DIGITAL SIGNAL PROCESSING	18	E	3
20B81A04I3	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
20B81A04I3	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04I3	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04I3	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04I3	R2032048	RESEARCH METHODOLOGY	21	COMPLE	0
20B81A04I3	R203204C	EMBEDDED SYSTEMS	22	E	3
20B81A04I3	R203205F	PYTHON PROGRAMMING	18	C	3
20B81A04I4	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	16	E	3
20B81A04I4	R2032042	VLSI DESIGN	16	F	0
20B81A04I4	R2032043	DIGITAL SIGNAL PROCESSING	17	F	0
20B81A04I4	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	C	1.5
20B81A04I4	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04I4	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04I4	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04I4	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
20B81A04I4	R203204C	EMBEDDED SYSTEMS	15	F	0
20B81A04I4	R203205F	PYTHON PROGRAMMING	17	F	0
20B81A04I5	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	12	F	0
20B81A04I5	R2032042	VLSI DESIGN	15	F	0
20B81A04I5	R2032043	DIGITAL SIGNAL PROCESSING	18	F	0
20B81A04I5	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	B	1.5
20B81A04I5	R2032045	VLSI DESIGN LAB	12	A	1.5
20B81A04I5	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04I5	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04I5	R2032048	RESEARCH METHODOLOGY	15	COMPLE	0
20B81A04I5	R203204C	EMBEDDED SYSTEMS	16	F	0
20B81A04I5	R203205F	PYTHON PROGRAMMING	20	F	0
20B81A04I6	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	C	3
20B81A04I6	R2032042	VLSI DESIGN	19	E	3
20B81A04I6	R2032043	DIGITAL SIGNAL PROCESSING	18	D	3

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20B81A04I6	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A	1.5
20B81A04I6	R2032045	VLSI DESIGN LAB	11	B	1.5
20B81A04I6	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
20B81A04I6	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04I6	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04I6	R203204C	EMBEDDED SYSTEMS	18	E	3
20B81A04I6	R203205F	PYTHON PROGRAMMING	20	D	3
20B81A04I7	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	C	3
20B81A04I7	R2032042	VLSI DESIGN	23	C	3
20B81A04I7	R2032043	DIGITAL SIGNAL PROCESSING	19	D	3
20B81A04I7	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
20B81A04I7	R2032045	VLSI DESIGN LAB	13	A	1.5
20B81A04I7	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
20B81A04I7	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20B81A04I7	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
20B81A04I7	R203204C	EMBEDDED SYSTEMS	19	D	3
20B81A04I7	R203205F	PYTHON PROGRAMMING	20	C	3
20B81A04I8	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	26	C	3
20B81A04I8	R2032042	VLSI DESIGN	27	D	3
20B81A04I8	R2032043	DIGITAL SIGNAL PROCESSING	21	D	3
20B81A04I8	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	B	1.5
20B81A04I8	R2032045	VLSI DESIGN LAB	11	A	1.5
20B81A04I8	R2032046	DIGITAL SIGNAL PROCESSING LAB	9	C	1.5
20B81A04I8	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
20B81A04I8	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
20B81A04I8	R203204C	EMBEDDED SYSTEMS	21	D	3
20B81A04I8	R203205F	PYTHON PROGRAMMING	23	E	3
20B81A0501	R2032051	MACHINE LEARNING	28	B	3
20B81A0501	R2032052	COMPILER DESIGN	27	C	3
20B81A0501	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A0501	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0501	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0501	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0501	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0501	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0501	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0501	R203205E	MEAN STACK DEVELOPMENT	26	D	3
20B81A0502	R2032051	MACHINE LEARNING	30	B	3
20B81A0502	R2032052	COMPILER DESIGN	29	B	3
20B81A0502	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A0502	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0502	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0502	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0502	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0502	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0502	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0502	R203205E	MEAN STACK DEVELOPMENT	28	A	3
20B81A0503	R2032051	MACHINE LEARNING	27	D	3
20B81A0503	R2032052	COMPILER DESIGN	25	D	3
20B81A0503	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A0503	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5

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20B81A0503	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0503	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0503	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0503	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0503	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	D	3
20B81A0503	R203205E	MEAN STACK DEVELOPMENT	25	E	3
20B81A0504	R2032051	MACHINE LEARNING	27	C	3
20B81A0504	R2032052	COMPILER DESIGN	24	D	3
20B81A0504	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A0504	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0504	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0504	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A+	1.5
20B81A0504	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0504	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A0504	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0504	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A0505	R2032051	MACHINE LEARNING	28	D	3
20B81A0505	R2032052	COMPILER DESIGN	26	D	3
20B81A0505	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A0505	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0505	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0505	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A	1.5
20B81A0505	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0505	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0505	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	D	3
20B81A0505	R203205E	MEAN STACK DEVELOPMENT	24	D	3
20B81A0506	R2032051	MACHINE LEARNING	27	B	3
20B81A0506	R2032052	COMPILER DESIGN	23	C	3
20B81A0506	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A0506	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0506	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0506	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0506	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0506	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0506	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	B	3
20B81A0506	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A0507	R2032051	MACHINE LEARNING	28	C	3
20B81A0507	R2032052	COMPILER DESIGN	27	C	3
20B81A0507	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0507	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0507	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0507	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0507	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0507	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0507	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A0507	R203205E	MEAN STACK DEVELOPMENT	25	D	3
20B81A0509	R2032051	MACHINE LEARNING	28	B	3
20B81A0509	R2032052	COMPILER DESIGN	26	D	3
20B81A0509	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A0509	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0509	R2032055	COMPILER DESIGN LAB	12	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0509	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0509	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0509	R2032059	EMPLOYABILITY SKILLS-II	27	COMPLE	0
20B81A0509	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	25	D	3
20B81A0509	R203205E	MEAN STACK DEVELOPMENT	24	C	3
20B81A0510	R2032051	MACHINE LEARNING	27	D	3
20B81A0510	R2032052	COMPILER DESIGN	25	D	3
20B81A0510	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A0510	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0510	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0510	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0510	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0510	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A0510	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A0510	R203205E	MEAN STACK DEVELOPMENT	27	D	3
20B81A0512	R2032051	MACHINE LEARNING	24	F	0
20B81A0512	R2032052	COMPILER DESIGN	22	F	0
20B81A0512	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
20B81A0512	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0512	R2032055	COMPILER DESIGN LAB	0	C	1.5
20B81A0512	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0512	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0512	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0512	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	19	D	3
20B81A0512	R203205E	MEAN STACK DEVELOPMENT	21	F	0
20B81A0513	R2032051	MACHINE LEARNING	30	C	3
20B81A0513	R2032052	COMPILER DESIGN	28	C	3
20B81A0513	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A0513	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0513	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0513	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0513	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0513	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0513	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0513	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0514	R2032051	MACHINE LEARNING	29	C	3
20B81A0514	R2032052	COMPILER DESIGN	28	C	3
20B81A0514	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0514	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0514	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0514	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0514	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0514	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0514	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
20B81A0514	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A0515	R2032051	MACHINE LEARNING	30	A	3
20B81A0515	R2032052	COMPILER DESIGN	27	C	3
20B81A0515	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0515	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0515	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0515	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0515	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0515	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0515	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	B	3
20B81A0515	R203205E	MEAN STACK DEVELOPMENT	26	B	3
20B81A0516	R2032051	MACHINE LEARNING	30	C	3
20B81A0516	R2032052	COMPILER DESIGN	29	B	3
20B81A0516	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	A	3
20B81A0516	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0516	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0516	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0516	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0516	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0516	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	A	3
20B81A0516	R203205E	MEAN STACK DEVELOPMENT	30	B	3
20B81A0517	R2032051	MACHINE LEARNING	30	C	3
20B81A0517	R2032052	COMPILER DESIGN	28	C	3
20B81A0517	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0517	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0517	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0517	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A0517	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0517	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0517	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0517	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0518	R2032051	MACHINE LEARNING	30	B	3
20B81A0518	R2032052	COMPILER DESIGN	29	C	3
20B81A0518	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0518	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0518	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0518	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0518	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0518	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0518	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A0518	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A0519	R2032051	MACHINE LEARNING	30	C	3
20B81A0519	R2032052	COMPILER DESIGN	28	C	3
20B81A0519	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0519	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0519	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0519	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0519	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0519	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0519	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0519	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0520	R2032051	MACHINE LEARNING	24	C	3
20B81A0520	R2032052	COMPILER DESIGN	27	D	3
20B81A0520	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	C	3
20B81A0520	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0520	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0520	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0520	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0520	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0520	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0520	R203205E	MEAN STACK DEVELOPMENT	25	D	3
20B81A0521	R2032051	MACHINE LEARNING	29	D	3
20B81A0521	R2032052	COMPILER DESIGN	26	D	3
20B81A0521	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A0521	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0521	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0521	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0521	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0521	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0521	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A0521	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A0522	R2032051	MACHINE LEARNING	24	D	3
20B81A0522	R2032052	COMPILER DESIGN	25	C	3
20B81A0522	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0522	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0522	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0522	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0522	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0522	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0522	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A0522	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A0523	R2032051	MACHINE LEARNING	21	F	0
20B81A0523	R2032052	COMPILER DESIGN	18	F	0
20B81A0523	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	22	F	0
20B81A0523	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0523	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0523	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0523	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0523	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A0523	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	F	0
20B81A0523	R203205E	MEAN STACK DEVELOPMENT	19	F	0
20B81A0524	R2032051	MACHINE LEARNING	28	D	3
20B81A0524	R2032052	COMPILER DESIGN	24	D	3
20B81A0524	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0524	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0524	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0524	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A+	1.5
20B81A0524	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0524	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0524	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A0524	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A0525	R2032051	MACHINE LEARNING	29	C	3
20B81A0525	R2032052	COMPILER DESIGN	28	D	3
20B81A0525	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	A	3
20B81A0525	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0525	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0525	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A0525	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0525	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0525	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A0525	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0526	R2032051	MACHINE LEARNING	24	D	3
20B81A0526	R2032052	COMPILER DESIGN	22	F	0
20B81A0526	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	F	0
20B81A0526	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A0526	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0526	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0526	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0526	R2032059	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A0526	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	F	0
20B81A0526	R203205E	MEAN STACK DEVELOPMENT	19	F	0
20B81A0527	R2032051	MACHINE LEARNING	26	D	3
20B81A0527	R2032052	COMPILER DESIGN	25	E	3
20B81A0527	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0527	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A0527	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0527	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0527	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0527	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0527	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
20B81A0527	R203205E	MEAN STACK DEVELOPMENT	25	F	0
20B81A0528	R2032051	MACHINE LEARNING	29	B	3
20B81A0528	R2032052	COMPILER DESIGN	21	D	3
20B81A0528	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0528	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0528	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0528	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0528	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0528	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0528	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A0528	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0529	R2032051	MACHINE LEARNING	29	C	3
20B81A0529	R2032052	COMPILER DESIGN	28	C	3
20B81A0529	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0529	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0529	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0529	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0529	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0529	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0529	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0529	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A0530	R2032051	MACHINE LEARNING	30	C	3
20B81A0530	R2032052	COMPILER DESIGN	29	A	3
20B81A0530	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A0530	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0530	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0530	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0530	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0530	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0530	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0530	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A0531	R2032051	MACHINE LEARNING	16	F	0
20B81A0531	R2032052	COMPILER DESIGN	19	F	0
20B81A0531	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	16	F	0
20B81A0531	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0531	R2032055	COMPILER DESIGN LAB	0	C	1.5
20B81A0531	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A0531	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0531	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0531	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	16	F	0
20B81A0531	R203205E	MEAN STACK DEVELOPMENT	21	F	0
20B81A0532	R2032051	MACHINE LEARNING	19	D	3
20B81A0532	R2032052	COMPILER DESIGN	24	D	3
20B81A0532	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A0532	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0532	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0532	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0532	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0532	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0532	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A0532	R203205E	MEAN STACK DEVELOPMENT	22	E	3
20B81A0533	R2032051	MACHINE LEARNING	29	D	3
20B81A0533	R2032052	COMPILER DESIGN	28	C	3
20B81A0533	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0533	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0533	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0533	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0533	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0533	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0533	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0533	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A0534	R2032051	MACHINE LEARNING	30	C	3
20B81A0534	R2032052	COMPILER DESIGN	28	A	3
20B81A0534	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0534	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0534	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0534	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0534	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0534	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0534	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A0534	R203205E	MEAN STACK DEVELOPMENT	30	A	3
20B81A0535	R2032051	MACHINE LEARNING	28	C	3
20B81A0535	R2032052	COMPILER DESIGN	24	D	3
20B81A0535	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	D	3
20B81A0535	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A0535	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0535	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0535	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0535	R2032059	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A0535	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	25	C	3
20B81A0535	R203205E	MEAN STACK DEVELOPMENT	23	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0536	R2032051	MACHINE LEARNING	28	B	3
20B81A0536	R2032052	COMPILER DESIGN	25	D	3
20B81A0536	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0536	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0536	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0536	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0536	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0536	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0536	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A0536	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0537	R2032051	MACHINE LEARNING	30	B	3
20B81A0537	R2032052	COMPILER DESIGN	28	C	3
20B81A0537	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A0537	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0537	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0537	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0537	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0537	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0537	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	B	3
20B81A0537	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A0538	R2032051	MACHINE LEARNING	30	B	3
20B81A0538	R2032052	COMPILER DESIGN	27	B	3
20B81A0538	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0538	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0538	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0538	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0538	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0538	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0538	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A0538	R203205E	MEAN STACK DEVELOPMENT	28	A	3
20B81A0539	R2032051	MACHINE LEARNING	28	B	3
20B81A0539	R2032052	COMPILER DESIGN	27	C	3
20B81A0539	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0539	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0539	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0539	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0539	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0539	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0539	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A0539	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A0540	R2032051	MACHINE LEARNING	28	C	3
20B81A0540	R2032052	COMPILER DESIGN	26	F	0
20B81A0540	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0540	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0540	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0540	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0540	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0540	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0540	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	F	0
20B81A0540	R203205E	MEAN STACK DEVELOPMENT	28	D	3
20B81A0541	R2032051	MACHINE LEARNING	27	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0541	R2032052	COMPILER DESIGN	27	D	3
20B81A0541	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0541	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A0541	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0541	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0541	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0541	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0541	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0541	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A0542	R2032051	MACHINE LEARNING	23	D	3
20B81A0542	R2032052	COMPILER DESIGN	24	C	3
20B81A0542	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	F	0
20B81A0542	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0542	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0542	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0542	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0542	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0542	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	25	F	0
20B81A0542	R203205E	MEAN STACK DEVELOPMENT	24	C	3
20B81A0543	R2032051	MACHINE LEARNING	23	B	3
20B81A0543	R2032052	COMPILER DESIGN	26	C	3
20B81A0543	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A0543	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0543	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0543	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0543	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0543	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0543	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A0543	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A0544	R2032051	MACHINE LEARNING	28	B	3
20B81A0544	R2032052	COMPILER DESIGN	23	D	3
20B81A0544	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0544	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0544	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0544	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0544	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0544	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0544	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A0544	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A0545	R2032051	MACHINE LEARNING	29	C	3
20B81A0545	R2032052	COMPILER DESIGN	27	C	3
20B81A0545	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0545	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0545	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0545	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0545	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0545	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0545	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A0545	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0546	R2032051	MACHINE LEARNING	28	D	3
20B81A0546	R2032052	COMPILER DESIGN	26	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0546	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0546	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0546	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0546	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0546	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0546	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0546	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
20B81A0546	R203205E	MEAN STACK DEVELOPMENT	24	F	0
20B81A0547	R2032051	MACHINE LEARNING	29	B	3
20B81A0547	R2032052	COMPILER DESIGN	28	B	3
20B81A0547	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0547	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0547	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0547	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0547	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0547	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0547	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0547	R203205E	MEAN STACK DEVELOPMENT	29	A	3
20B81A0548	R2032051	MACHINE LEARNING	29	B	3
20B81A0548	R2032052	COMPILER DESIGN	26	C	3
20B81A0548	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0548	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0548	R2032055	COMPILER DESIGN LAB	9	A	1.5
20B81A0548	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0548	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0548	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0548	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	B	3
20B81A0548	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A0549	R2032051	MACHINE LEARNING	26	D	3
20B81A0549	R2032052	COMPILER DESIGN	25	D	3
20B81A0549	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0549	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0549	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0549	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0549	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0549	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0549	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A0549	R203205E	MEAN STACK DEVELOPMENT	22	C	3
20B81A0550	R2032051	MACHINE LEARNING	25	D	3
20B81A0550	R2032052	COMPILER DESIGN	26	D	3
20B81A0550	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0550	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0550	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0550	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0550	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0550	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0550	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0550	R203205E	MEAN STACK DEVELOPMENT	27	F	0
20B81A0551	R2032051	MACHINE LEARNING	29	B	3
20B81A0551	R2032052	COMPILER DESIGN	27	C	3
20B81A0551	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0551	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0551	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0551	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0551	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0551	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0551	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A0551	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A0552	R2032051	MACHINE LEARNING	30	A	3
20B81A0552	R2032052	COMPILER DESIGN	28	B	3
20B81A0552	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A0552	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0552	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0552	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0552	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0552	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0552	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	A	3
20B81A0552	R203205E	MEAN STACK DEVELOPMENT	29	A+	3
20B81A0553	R2032051	MACHINE LEARNING	28	C	3
20B81A0553	R2032052	COMPILER DESIGN	27	C	3
20B81A0553	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0553	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0553	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0553	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0553	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0553	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0553	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0553	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0554	R2032051	MACHINE LEARNING	25	D	3
20B81A0554	R2032052	COMPILER DESIGN	24	D	3
20B81A0554	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0554	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A0554	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A0554	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0554	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0554	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0554	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
20B81A0554	R203205E	MEAN STACK DEVELOPMENT	23	C	3
20B81A0555	R2032051	MACHINE LEARNING	29	B	3
20B81A0555	R2032052	COMPILER DESIGN	28	B	3
20B81A0555	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A0555	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0555	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0555	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0555	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0555	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0555	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
20B81A0555	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A0556	R2032051	MACHINE LEARNING	29	A	3
20B81A0556	R2032052	COMPILER DESIGN	28	C	3
20B81A0556	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0556	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0556	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0556	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0556	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0556	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0556	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0556	R203205E	MEAN STACK DEVELOPMENT	29	A	3
20B81A0557	R2032051	MACHINE LEARNING	30	C	3
20B81A0557	R2032052	COMPILER DESIGN	28	C	3
20B81A0557	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0557	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0557	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0557	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0557	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0557	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0557	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A0557	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A0558	R2032051	MACHINE LEARNING	29	B	3
20B81A0558	R2032052	COMPILER DESIGN	29	C	3
20B81A0558	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0558	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0558	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0558	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0558	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0558	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0558	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0558	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A0560	R2032051	MACHINE LEARNING	28	B	3
20B81A0560	R2032052	COMPILER DESIGN	27	D	3
20B81A0560	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A0560	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0560	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0560	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0560	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0560	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0560	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A0560	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0561	R2032051	MACHINE LEARNING	28	B	3
20B81A0561	R2032052	COMPILER DESIGN	24	C	3
20B81A0561	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A0561	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0561	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0561	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0561	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0561	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0561	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A0561	R203205E	MEAN STACK DEVELOPMENT	26	A	3
20B81A0562	R2032051	MACHINE LEARNING	29	C	3
20B81A0562	R2032052	COMPILER DESIGN	26	B	3
20B81A0562	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0562	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0562	R2032055	COMPILER DESIGN LAB	15	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0562	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0562	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0562	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0562	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0562	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A0563	R2032051	MACHINE LEARNING	27	B	3
20B81A0563	R2032052	COMPILER DESIGN	23	D	3
20B81A0563	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0563	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0563	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0563	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0563	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0563	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0563	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A0563	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A0564	R2032051	MACHINE LEARNING	30	C	3
20B81A0564	R2032052	COMPILER DESIGN	27	C	3
20B81A0564	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0564	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A0564	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0564	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0564	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0564	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0564	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A0564	R203205E	MEAN STACK DEVELOPMENT	27	A	3
20B81A0565	R2032051	MACHINE LEARNING	28	C	3
20B81A0565	R2032052	COMPILER DESIGN	28	C	3
20B81A0565	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0565	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0565	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0565	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0565	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0565	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0565	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0565	R203205E	MEAN STACK DEVELOPMENT	26	A	3
20B81A0566	R2032051	MACHINE LEARNING	27	D	3
20B81A0566	R2032052	COMPILER DESIGN	28	B	3
20B81A0566	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A0566	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0566	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0566	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0566	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0566	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0566	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0566	R203205E	MEAN STACK DEVELOPMENT	29	D	3
20B81A0567	R2032051	MACHINE LEARNING	27	C	3
20B81A0567	R2032052	COMPILER DESIGN	25	D	3
20B81A0567	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0567	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0567	R2032055	COMPILER DESIGN LAB	11	A	1.5
20B81A0567	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0567	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0567	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0567	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0567	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A0568	R2032051	MACHINE LEARNING	23	D	3
20B81A0568	R2032052	COMPILER DESIGN	27	C	3
20B81A0568	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0568	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
20B81A0568	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0568	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0568	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0568	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0568	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A0568	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A0570	R2032051	MACHINE LEARNING	29	C	3
20B81A0570	R2032052	COMPILER DESIGN	29	B	3
20B81A0570	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0570	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A0570	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0570	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0570	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0570	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0570	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0570	R203205E	MEAN STACK DEVELOPMENT	30	A+	3
20B81A0571	R2032051	MACHINE LEARNING	27	D	3
20B81A0571	R2032052	COMPILER DESIGN	28	D	3
20B81A0571	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0571	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0571	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0571	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0571	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0571	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A0571	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
20B81A0571	R203205E	MEAN STACK DEVELOPMENT	27	D	3
20B81A0572	R2032051	MACHINE LEARNING	30	B	3
20B81A0572	R2032052	COMPILER DESIGN	28	C	3
20B81A0572	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A0572	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
20B81A0572	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A0572	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0572	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0572	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0572	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	A	3
20B81A0572	R203205E	MEAN STACK DEVELOPMENT	29	A	3
20B81A0573	R2032051	MACHINE LEARNING	29	A	3
20B81A0573	R2032052	COMPILER DESIGN	29	C	3
20B81A0573	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A0573	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0573	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0573	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0573	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0573	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0573	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A0573	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0574	R2032051	MACHINE LEARNING	29	A	3
20B81A0574	R2032052	COMPILER DESIGN	28	B	3
20B81A0574	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A0574	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0574	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0574	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A0574	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0574	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0574	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A0574	R203205E	MEAN STACK DEVELOPMENT	30	A	3
20B81A0575	R2032051	MACHINE LEARNING	27	B	3
20B81A0575	R2032052	COMPILER DESIGN	27	C	3
20B81A0575	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0575	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A0575	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0575	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0575	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0575	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0575	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0575	R203205E	MEAN STACK DEVELOPMENT	29	D	3
20B81A0576	R2032051	MACHINE LEARNING	26	D	3
20B81A0576	R2032052	COMPILER DESIGN	27	D	3
20B81A0576	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0576	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0576	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0576	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0576	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0576	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0576	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
20B81A0576	R203205E	MEAN STACK DEVELOPMENT	28	F	0
20B81A0577	R2032051	MACHINE LEARNING	26	C	3
20B81A0577	R2032052	COMPILER DESIGN	28	C	3
20B81A0577	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0577	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A0577	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0577	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0577	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0577	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0577	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
20B81A0577	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0578	R2032051	MACHINE LEARNING	29	B	3
20B81A0578	R2032052	COMPILER DESIGN	29	B	3
20B81A0578	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0578	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0578	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A0578	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0578	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0578	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0578	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0578	R203205E	MEAN STACK DEVELOPMENT	29	A	3
20B81A0579	R2032051	MACHINE LEARNING	26	C	3
20B81A0579	R2032052	COMPILER DESIGN	28	C	3
20B81A0579	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0579	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
20B81A0579	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0579	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0579	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0579	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0579	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0579	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0580	R2032051	MACHINE LEARNING	27	C	3
20B81A0580	R2032052	COMPILER DESIGN	26	C	3
20B81A0580	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0580	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0580	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A0580	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A0580	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0580	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0580	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
20B81A0580	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0581	R2032051	MACHINE LEARNING	20	C	3
20B81A0581	R2032052	COMPILER DESIGN	19	D	3
20B81A0581	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A0581	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0581	R2032055	COMPILER DESIGN LAB	9	B	1.5
20B81A0581	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0581	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0581	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0581	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	14	D	3
20B81A0581	R203205E	MEAN STACK DEVELOPMENT	18	D	3
20B81A0582	R2032051	MACHINE LEARNING	28	B	3
20B81A0582	R2032052	COMPILER DESIGN	28	B	3
20B81A0582	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0582	R2032054	MACHINE LEARNING USING PYTHON LAB	10	B	1.5
20B81A0582	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0582	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0582	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0582	R2032059	EMPLOYABILITY SKILLS-II	19	COMPLE	0
20B81A0582	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0582	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A0583	R2032051	MACHINE LEARNING	26	D	3
20B81A0583	R2032052	COMPILER DESIGN	27	D	3
20B81A0583	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0583	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0583	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0583	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0583	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0583	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0583	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0583	R203205E	MEAN STACK DEVELOPMENT	29	D	3
20B81A0584	R2032051	MACHINE LEARNING	29	C	3
20B81A0584	R2032052	COMPILER DESIGN	29	C	3
20B81A0584	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0584	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0584	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A0584	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0584	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0584	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0584	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A0584	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0585	R2032051	MACHINE LEARNING	29	C	3
20B81A0585	R2032052	COMPILER DESIGN	29	D	3
20B81A0585	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0585	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0585	R2032055	COMPILER DESIGN LAB	11	A	1.5
20B81A0585	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0585	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0585	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0585	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0585	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A0586	R2032051	MACHINE LEARNING	29	B	3
20B81A0586	R2032052	COMPILER DESIGN	28	C	3
20B81A0586	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0586	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0586	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0586	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0586	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0586	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0586	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A0586	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A0587	R2032051	MACHINE LEARNING	30	C	3
20B81A0587	R2032052	COMPILER DESIGN	26	C	3
20B81A0587	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0587	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0587	R2032055	COMPILER DESIGN LAB	10	B	1.5
20B81A0587	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0587	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0587	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0587	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0587	R203205E	MEAN STACK DEVELOPMENT	28	D	3
20B81A0588	R2032051	MACHINE LEARNING	29	D	3
20B81A0588	R2032052	COMPILER DESIGN	27	C	3
20B81A0588	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0588	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0588	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0588	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0588	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0588	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0588	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0588	R203205E	MEAN STACK DEVELOPMENT	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0589	R2032051	MACHINE LEARNING	26	C	3
20B81A0589	R2032052	COMPILER DESIGN	28	D	3
20B81A0589	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A0589	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A0589	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0589	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0589	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0589	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0589	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A0589	R203205E	MEAN STACK DEVELOPMENT	26	A	3
20B81A0590	R2032051	MACHINE LEARNING	26	C	3
20B81A0590	R2032052	COMPILER DESIGN	26	C	3
20B81A0590	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0590	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A0590	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0590	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A0590	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0590	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0590	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	B	3
20B81A0590	R203205E	MEAN STACK DEVELOPMENT	28	A	3
20B81A0591	R2032051	MACHINE LEARNING	27	C	3
20B81A0591	R2032052	COMPILER DESIGN	29	C	3
20B81A0591	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0591	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A0591	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0591	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0591	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0591	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A0591	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0591	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A0592	R2032051	MACHINE LEARNING	26	D	3
20B81A0592	R2032052	COMPILER DESIGN	29	D	3
20B81A0592	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A0592	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
20B81A0592	R2032055	COMPILER DESIGN LAB	11	A	1.5
20B81A0592	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0592	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0592	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0592	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
20B81A0592	R203205E	MEAN STACK DEVELOPMENT	27	D	3
20B81A0593	R2032051	MACHINE LEARNING	26	D	3
20B81A0593	R2032052	COMPILER DESIGN	23	D	3
20B81A0593	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A0593	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A0593	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0593	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0593	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0593	R2032059	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A0593	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A0593	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A0594	R2032051	MACHINE LEARNING	28	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0594	R2032052	COMPILER DESIGN	25	D	3
20B81A0594	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0594	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A0594	R2032055	COMPILER DESIGN LAB	11	A	1.5
20B81A0594	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A0594	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0594	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0594	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	25	D	3
20B81A0594	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A0595	R2032051	MACHINE LEARNING	25	F	0
20B81A0595	R2032052	COMPILER DESIGN	25	D	3
20B81A0595	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A0595	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0595	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0595	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0595	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0595	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0595	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
20B81A0595	R203205E	MEAN STACK DEVELOPMENT	28	F	0
20B81A0596	R2032051	MACHINE LEARNING	28	C	3
20B81A0596	R2032052	COMPILER DESIGN	27	C	3
20B81A0596	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A0596	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A0596	R2032055	COMPILER DESIGN LAB	10	B	1.5
20B81A0596	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A0596	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0596	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0596	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A0596	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A0597	R2032051	MACHINE LEARNING	28	C	3
20B81A0597	R2032052	COMPILER DESIGN	24	D	3
20B81A0597	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0597	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0597	R2032055	COMPILER DESIGN LAB	10	B	1.5
20B81A0597	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0597	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0597	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A0597	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A0597	R203205E	MEAN STACK DEVELOPMENT	26	D	3
20B81A0598	R2032051	MACHINE LEARNING	29	B	3
20B81A0598	R2032052	COMPILER DESIGN	29	A	3
20B81A0598	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A0598	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A0598	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A0598	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0598	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A0598	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0598	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A0598	R203205E	MEAN STACK DEVELOPMENT	30	A	3
20B81A0599	R2032051	MACHINE LEARNING	27	D	3
20B81A0599	R2032052	COMPILER DESIGN	27	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A0599	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	D	3
20B81A0599	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A0599	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A0599	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A0599	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A0599	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A0599	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A0599	R203205E	MEAN STACK DEVELOPMENT	26	D	3
20B81A05A0	R2032051	MACHINE LEARNING	28	C	3
20B81A05A0	R2032052	COMPILER DESIGN	29	C	3
20B81A05A0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A05A0	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05A0	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05A0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05A0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05A0	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05A0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05A0	R203205E	MEAN STACK DEVELOPMENT	28	D	3
20B81A05A1	R2032051	MACHINE LEARNING	30	A	3
20B81A05A1	R2032052	COMPILER DESIGN	30	B	3
20B81A05A1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A05A1	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05A1	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05A1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05A1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05A1	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05A1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	B	3
20B81A05A1	R203205E	MEAN STACK DEVELOPMENT	30	B	3
20B81A05A2	R2032051	MACHINE LEARNING	29	B	3
20B81A05A2	R2032052	COMPILER DESIGN	28	C	3
20B81A05A2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05A2	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05A2	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05A2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05A2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05A2	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05A2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05A2	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A05A3	R2032051	MACHINE LEARNING	29	C	3
20B81A05A3	R2032052	COMPILER DESIGN	29	C	3
20B81A05A3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05A3	R2032054	MACHINE LEARNING USING PYTHON LAB	10	B	1.5
20B81A05A3	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A05A3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05A3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05A3	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05A3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05A3	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A05A4	R2032051	MACHINE LEARNING	28	C	3
20B81A05A4	R2032052	COMPILER DESIGN	27	C	3
20B81A05A4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05A4	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05A4	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05A4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05A4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05A4	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05A4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	D	3
20B81A05A4	R203205E	MEAN STACK DEVELOPMENT	30	B	3
20B81A05A5	R2032051	MACHINE LEARNING	24	E	3
20B81A05A5	R2032052	COMPILER DESIGN	22	D	3
20B81A05A5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05A5	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05A5	R2032055	COMPILER DESIGN LAB	9	B	1.5
20B81A05A5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05A5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05A5	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05A5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	23	D	3
20B81A05A5	R203205E	MEAN STACK DEVELOPMENT	28	D	3
20B81A05A6	R2032051	MACHINE LEARNING	28	C	3
20B81A05A6	R2032052	COMPILER DESIGN	24	C	3
20B81A05A6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	C	3
20B81A05A6	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05A6	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05A6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05A6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05A6	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05A6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05A6	R203205E	MEAN STACK DEVELOPMENT	30	D	3
20B81A05A7	R2032051	MACHINE LEARNING	30	B	3
20B81A05A7	R2032052	COMPILER DESIGN	28	A	3
20B81A05A7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05A7	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
20B81A05A7	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05A7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05A7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05A7	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05A7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05A7	R203205E	MEAN STACK DEVELOPMENT	30	C	3
20B81A05A8	R2032051	MACHINE LEARNING	27	D	3
20B81A05A8	R2032052	COMPILER DESIGN	24	D	3
20B81A05A8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A05A8	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05A8	R2032055	COMPILER DESIGN LAB	13	A	1.5
20B81A05A8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05A8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05A8	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05A8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	25	C	3
20B81A05A8	R203205E	MEAN STACK DEVELOPMENT	26	B	3
20B81A05A9	R2032051	MACHINE LEARNING	27	C	3
20B81A05A9	R2032052	COMPILER DESIGN	24	C	3
20B81A05A9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05A9	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05A9	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05A9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05A9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05A9	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05A9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	20	D	3
20B81A05A9	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05B0	R2032051	MACHINE LEARNING	26	D	3
20B81A05B0	R2032052	COMPILER DESIGN	28	B	3
20B81A05B0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05B0	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05B0	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05B0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A05B0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05B0	R2032059	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A05B0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	B	3
20B81A05B0	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A05B1	R2032051	MACHINE LEARNING	28	D	3
20B81A05B1	R2032052	COMPILER DESIGN	23	D	3
20B81A05B1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05B1	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05B1	R2032055	COMPILER DESIGN LAB	10	B	1.5
20B81A05B1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05B1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05B1	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05B1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
20B81A05B1	R203205E	MEAN STACK DEVELOPMENT	18	E	3
20B81A05B2	R2032051	MACHINE LEARNING	26	C	3
20B81A05B2	R2032052	COMPILER DESIGN	27	C	3
20B81A05B2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05B2	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05B2	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05B2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05B2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05B2	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05B2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05B2	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A05B3	R2032051	MACHINE LEARNING	28	B	3
20B81A05B3	R2032052	COMPILER DESIGN	28	C	3
20B81A05B3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A05B3	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05B3	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05B3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A05B3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05B3	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05B3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05B3	R203205E	MEAN STACK DEVELOPMENT	30	B	3
20B81A05B4	R2032051	MACHINE LEARNING	28	B	3
20B81A05B4	R2032052	COMPILER DESIGN	26	B	3
20B81A05B4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05B4	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05B4	R2032055	COMPILER DESIGN LAB	11	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05B4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05B4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05B4	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05B4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A05B4	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A05B5	R2032051	MACHINE LEARNING	30	B	3
20B81A05B5	R2032052	COMPILER DESIGN	27	B	3
20B81A05B5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	A	3
20B81A05B5	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05B5	R2032055	COMPILER DESIGN LAB	13	A	1.5
20B81A05B5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05B5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05B5	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05B5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A05B5	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A05B6	R2032051	MACHINE LEARNING	25	B	3
20B81A05B6	R2032052	COMPILER DESIGN	27	B	3
20B81A05B6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05B6	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05B6	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05B6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05B6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05B6	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
20B81A05B6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	25	B	3
20B81A05B6	R203205E	MEAN STACK DEVELOPMENT	29	A	3
20B81A05B7	R2032051	MACHINE LEARNING	24	C	3
20B81A05B7	R2032052	COMPILER DESIGN	22	D	3
20B81A05B7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A05B7	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05B7	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05B7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05B7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05B7	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05B7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A05B7	R203205E	MEAN STACK DEVELOPMENT	22	D	3
20B81A05B8	R2032051	MACHINE LEARNING	30	B	3
20B81A05B8	R2032052	COMPILER DESIGN	27	C	3
20B81A05B8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A05B8	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05B8	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A05B8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05B8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05B8	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05B8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A05B8	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A05B9	R2032051	MACHINE LEARNING	27	C	3
20B81A05B9	R2032052	COMPILER DESIGN	28	C	3
20B81A05B9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A05B9	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A05B9	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A05B9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05B9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05B9	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05B9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
20B81A05B9	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A05C0	R2032051	MACHINE LEARNING	26	C	3
20B81A05C0	R2032052	COMPILER DESIGN	25	D	3
20B81A05C0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05C0	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05C0	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05C0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05C0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05C0	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	A	3
20B81A05C0	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A05C1	R2032051	MACHINE LEARNING	29	B	3
20B81A05C1	R2032052	COMPILER DESIGN	28	C	3
20B81A05C1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05C1	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05C1	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05C1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05C1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05C1	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
20B81A05C1	R203205E	MEAN STACK DEVELOPMENT	26	D	3
20B81A05C2	R2032051	MACHINE LEARNING	28	C	3
20B81A05C2	R2032052	COMPILER DESIGN	27	C	3
20B81A05C2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A05C2	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05C2	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05C2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05C2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05C2	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	C	3
20B81A05C2	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A05C3	R2032051	MACHINE LEARNING	29	C	3
20B81A05C3	R2032052	COMPILER DESIGN	26	C	3
20B81A05C3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A05C3	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05C3	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05C3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05C3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05C3	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05C3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05C3	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A05C4	R2032051	MACHINE LEARNING	26	C	3
20B81A05C4	R2032052	COMPILER DESIGN	26	C	3
20B81A05C4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05C4	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05C4	R2032055	COMPILER DESIGN LAB	13	A	1.5
20B81A05C4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05C4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05C4	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05C4	R203205E	MEAN STACK DEVELOPMENT	30	B	3
20B81A05C5	R2032051	MACHINE LEARNING	27	C	3
20B81A05C5	R2032052	COMPILER DESIGN	27	C	3
20B81A05C5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05C5	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A05C5	R2032055	COMPILER DESIGN LAB	10	B	1.5
20B81A05C5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05C5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05C5	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05C5	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A05C6	R2032051	MACHINE LEARNING	28	C	3
20B81A05C6	R2032052	COMPILER DESIGN	29	C	3
20B81A05C6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A05C6	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05C6	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05C6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05C6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05C6	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A05C6	R203205E	MEAN STACK DEVELOPMENT	30	C	3
20B81A05C7	R2032051	MACHINE LEARNING	26	D	3
20B81A05C7	R2032052	COMPILER DESIGN	29	C	3
20B81A05C7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05C7	R2032054	MACHINE LEARNING USING PYTHON LAB	11	B	1.5
20B81A05C7	R2032055	COMPILER DESIGN LAB	10	A	1.5
20B81A05C7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05C7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05C7	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05C7	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A05C8	R2032051	MACHINE LEARNING	24	D	3
20B81A05C8	R2032052	COMPILER DESIGN	24	D	3
20B81A05C8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	E	3
20B81A05C8	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A05C8	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05C8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A05C8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05C8	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05C8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
20B81A05C8	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05C9	R2032051	MACHINE LEARNING	28	A	3
20B81A05C9	R2032052	COMPILER DESIGN	28	B	3
20B81A05C9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A05C9	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A05C9	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05C9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05C9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05C9	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05C9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A05C9	R203205E	MEAN STACK DEVELOPMENT	30	B	3
20B81A05D0	R2032051	MACHINE LEARNING	22	D	3
20B81A05D0	R2032052	COMPILER DESIGN	24	D	3
20B81A05D0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A05D0	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
20B81A05D0	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05D0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05D0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05D0	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
20B81A05D0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	D	3
20B81A05D0	R203205E	MEAN STACK DEVELOPMENT	20	E	3
20B81A05D1	R2032051	MACHINE LEARNING	24	D	3
20B81A05D1	R2032052	COMPILER DESIGN	28	D	3
20B81A05D1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05D1	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A05D1	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05D1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05D1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05D1	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05D1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05D1	R203205E	MEAN STACK DEVELOPMENT	22	E	3
20B81A05D3	R2032051	MACHINE LEARNING	24	C	3
20B81A05D3	R2032052	COMPILER DESIGN	27	C	3
20B81A05D3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A05D3	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05D3	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05D3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05D3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05D3	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05D3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A05D3	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05D4	R2032051	MACHINE LEARNING	29	B	3
20B81A05D4	R2032052	COMPILER DESIGN	29	C	3
20B81A05D4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A05D4	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05D4	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05D4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05D4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05D4	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05D4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05D4	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A05D5	R2032051	MACHINE LEARNING	26	C	3
20B81A05D5	R2032052	COMPILER DESIGN	27	D	3
20B81A05D5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A05D5	R2032054	MACHINE LEARNING USING PYTHON LAB	10	B	1.5
20B81A05D5	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05D5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A05D5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05D5	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05D5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05D5	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A05D6	R2032051	MACHINE LEARNING	28	D	3
20B81A05D6	R2032052	COMPILER DESIGN	29	D	3
20B81A05D6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A05D6	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05D6	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05D6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A05D6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05D6	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05D6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05D6	R203205E	MEAN STACK DEVELOPMENT	28	D	3
20B81A05D7	R2032051	MACHINE LEARNING	27	C	3
20B81A05D7	R2032052	COMPILER DESIGN	27	F	0
20B81A05D7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	F	0
20B81A05D7	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05D7	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05D7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A05D7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05D7	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05D7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A05D7	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A05D8	R2032051	MACHINE LEARNING	28	B	3
20B81A05D8	R2032052	COMPILER DESIGN	26	C	3
20B81A05D8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05D8	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05D8	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05D8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05D8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05D8	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05D8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05D8	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05D9	R2032051	MACHINE LEARNING	25	C	3
20B81A05D9	R2032052	COMPILER DESIGN	28	C	3
20B81A05D9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A05D9	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05D9	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05D9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A05D9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05D9	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05D9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A05D9	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A05E0	R2032051	MACHINE LEARNING	27	D	3
20B81A05E0	R2032052	COMPILER DESIGN	27	D	3
20B81A05E0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	B	3
20B81A05E0	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05E0	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05E0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05E0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05E0	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05E0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05E0	R203205E	MEAN STACK DEVELOPMENT	24	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05E1	R2032051	MACHINE LEARNING	25	E	3
20B81A05E1	R2032052	COMPILER DESIGN	24	D	3
20B81A05E1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A05E1	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05E1	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05E1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05E1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05E1	R2032059	EMPLOYABILITY SKILLS-II	19	COMPLE	0
20B81A05E1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	F	0
20B81A05E1	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A05E2	R2032051	MACHINE LEARNING	28	A	3
20B81A05E2	R2032052	COMPILER DESIGN	30	C	3
20B81A05E2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05E2	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05E2	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05E2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05E2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05E2	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05E2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05E2	R203205E	MEAN STACK DEVELOPMENT	26	B	3
20B81A05E3	R2032051	MACHINE LEARNING	29	B	3
20B81A05E3	R2032052	COMPILER DESIGN	27	C	3
20B81A05E3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05E3	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05E3	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05E3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05E3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05E3	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05E3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05E3	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A05E4	R2032051	MACHINE LEARNING	26	D	3
20B81A05E4	R2032052	COMPILER DESIGN	29	C	3
20B81A05E4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05E4	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05E4	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05E4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05E4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05E4	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05E4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05E4	R203205E	MEAN STACK DEVELOPMENT	27	D	3
20B81A05E5	R2032051	MACHINE LEARNING	28	D	3
20B81A05E5	R2032052	COMPILER DESIGN	27	D	3
20B81A05E5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	E	3
20B81A05E5	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05E5	R2032055	COMPILER DESIGN LAB	11	A+	1.5
20B81A05E5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05E5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05E5	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05E5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	D	3
20B81A05E5	R203205E	MEAN STACK DEVELOPMENT	27	B	3
20B81A05E6	R2032051	MACHINE LEARNING	28	B	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05E6	R2032052	COMPILER DESIGN	28	C	3
20B81A05E6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05E6	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05E6	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05E6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A05E6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05E6	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05E6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A05E6	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A05E7	R2032051	MACHINE LEARNING	28	B	3
20B81A05E7	R2032052	COMPILER DESIGN	28	C	3
20B81A05E7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05E7	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05E7	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05E7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05E7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05E7	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05E7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05E7	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A05E8	R2032051	MACHINE LEARNING	30	C	3
20B81A05E8	R2032052	COMPILER DESIGN	29	C	3
20B81A05E8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05E8	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05E8	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05E8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05E8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05E8	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05E8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A05E8	R203205E	MEAN STACK DEVELOPMENT	25	D	3
20B81A05E9	R2032051	MACHINE LEARNING	30	C	3
20B81A05E9	R2032052	COMPILER DESIGN	29	C	3
20B81A05E9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05E9	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05E9	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05E9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05E9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05E9	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05E9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05E9	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A05F0	R2032051	MACHINE LEARNING	27	B	3
20B81A05F0	R2032052	COMPILER DESIGN	27	C	3
20B81A05F0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A05F0	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05F0	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05F0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05F0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05F0	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05F0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A05F0	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A05F1	R2032051	MACHINE LEARNING	27	C	3
20B81A05F1	R2032052	COMPILER DESIGN	27	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05F1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	B	3
20B81A05F1	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05F1	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05F1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05F1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05F1	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05F1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	25	C	3
20B81A05F1	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A05F2	R2032051	MACHINE LEARNING	24	E	3
20B81A05F2	R2032052	COMPILER DESIGN	26	D	3
20B81A05F2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A05F2	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05F2	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05F2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05F2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05F2	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05F2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05F2	R203205E	MEAN STACK DEVELOPMENT	23	F	0
20B81A05F3	R2032051	MACHINE LEARNING	27	C	3
20B81A05F3	R2032052	COMPILER DESIGN	28	C	3
20B81A05F3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05F3	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05F3	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05F3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05F3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05F3	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05F3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05F3	R203205E	MEAN STACK DEVELOPMENT	28	A	3
20B81A05F4	R2032051	MACHINE LEARNING	30	A	3
20B81A05F4	R2032052	COMPILER DESIGN	29	C	3
20B81A05F4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05F4	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05F4	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05F4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05F4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05F4	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05F4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05F4	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A05F5	R2032051	MACHINE LEARNING	27	D	3
20B81A05F5	R2032052	COMPILER DESIGN	29	C	3
20B81A05F5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05F5	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05F5	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05F5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05F5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05F5	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05F5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05F5	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A05F6	R2032051	MACHINE LEARNING	25	F	0
20B81A05F6	R2032052	COMPILER DESIGN	26	D	3
20B81A05F6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05F6	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05F6	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05F6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05F6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05F6	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05F6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A05F6	R203205E	MEAN STACK DEVELOPMENT	26	D	3
20B81A05F7	R2032051	MACHINE LEARNING	26	D	3
20B81A05F7	R2032052	COMPILER DESIGN	26	C	3
20B81A05F7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05F7	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05F7	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05F7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05F7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05F7	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05F7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
20B81A05F7	R203205E	MEAN STACK DEVELOPMENT	26	B	3
20B81A05F8	R2032051	MACHINE LEARNING	26	D	3
20B81A05F8	R2032052	COMPILER DESIGN	26	C	3
20B81A05F8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
20B81A05F8	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05F8	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05F8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05F8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05F8	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05F8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
20B81A05F8	R203205E	MEAN STACK DEVELOPMENT	27	D	3
20B81A05F9	R2032051	MACHINE LEARNING	29	C	3
20B81A05F9	R2032052	COMPILER DESIGN	29	C	3
20B81A05F9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	A	3
20B81A05F9	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05F9	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05F9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05F9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05F9	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
20B81A05F9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05F9	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05G0	R2032051	MACHINE LEARNING	27	D	3
20B81A05G0	R2032052	COMPILER DESIGN	27	D	3
20B81A05G0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05G0	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05G0	R2032055	COMPILER DESIGN LAB	11	A	1.5
20B81A05G0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05G0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05G0	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05G0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05G0	R203205E	MEAN STACK DEVELOPMENT	22	E	3
20B81A05G1	R2032051	MACHINE LEARNING	28	D	3
20B81A05G1	R2032052	COMPILER DESIGN	28	C	3
20B81A05G1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	F	0
20B81A05G1	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05G1	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05G1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05G1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05G1	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05G1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A05G1	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20B81A05G2	R2032051	MACHINE LEARNING	22	D	3
20B81A05G2	R2032052	COMPILER DESIGN	19	D	3
20B81A05G2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A05G2	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
20B81A05G2	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05G2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05G2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05G2	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05G2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05G2	R203205E	MEAN STACK DEVELOPMENT	20	D	3
20B81A05G3	R2032051	MACHINE LEARNING	26	C	3
20B81A05G3	R2032052	COMPILER DESIGN	24	D	3
20B81A05G3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A05G3	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05G3	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05G3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05G3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05G3	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05G3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05G3	R203205E	MEAN STACK DEVELOPMENT	24	D	3
20B81A05G4	R2032051	MACHINE LEARNING	23	E	3
20B81A05G4	R2032052	COMPILER DESIGN	24	D	3
20B81A05G4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A05G4	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05G4	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05G4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05G4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05G4	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05G4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A05G4	R203205E	MEAN STACK DEVELOPMENT	24	E	3
20B81A05G5	R2032051	MACHINE LEARNING	22	D	3
20B81A05G5	R2032052	COMPILER DESIGN	25	D	3
20B81A05G5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A05G5	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05G5	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05G5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05G5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05G5	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05G5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A05G5	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A05G6	R2032051	MACHINE LEARNING	21	F	0
20B81A05G6	R2032052	COMPILER DESIGN	21	E	3
20B81A05G6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	E	3
20B81A05G6	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
20B81A05G6	R2032055	COMPILER DESIGN LAB	11	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05G6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05G6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05G6	R2032059	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A05G6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	21	E	3
20B81A05G6	R203205E	MEAN STACK DEVELOPMENT	19	E	3
20B81A05G7	R2032051	MACHINE LEARNING	21	D	3
20B81A05G7	R2032052	COMPILER DESIGN	26	D	3
20B81A05G7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	C	3
20B81A05G7	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
20B81A05G7	R2032055	COMPILER DESIGN LAB	12	A	1.5
20B81A05G7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05G7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05G7	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05G7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A05G7	R203205E	MEAN STACK DEVELOPMENT	20	E	3
20B81A05G8	R2032051	MACHINE LEARNING	27	D	3
20B81A05G8	R2032052	COMPILER DESIGN	28	C	3
20B81A05G8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05G8	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05G8	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05G8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05G8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05G8	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
20B81A05G8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05G8	R203205E	MEAN STACK DEVELOPMENT	28	C	3
20B81A05G9	R2032051	MACHINE LEARNING	29	C	3
20B81A05G9	R2032052	COMPILER DESIGN	27	C	3
20B81A05G9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A05G9	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05G9	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05G9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05G9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05G9	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05G9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A05G9	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A05H0	R2032051	MACHINE LEARNING	29	C	3
20B81A05H0	R2032052	COMPILER DESIGN	27	C	3
20B81A05H0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05H0	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05H0	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05H0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05H0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H0	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05H0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
20B81A05H0	R203205E	MEAN STACK DEVELOPMENT	24	C	3
20B81A05H1	R2032051	MACHINE LEARNING	23	E	3
20B81A05H1	R2032052	COMPILER DESIGN	25	E	3
20B81A05H1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05H1	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
20B81A05H1	R2032055	COMPILER DESIGN LAB	11	A	1.5
20B81A05H1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05H1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05H1	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05H1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A05H1	R203205E	MEAN STACK DEVELOPMENT	15	F	0
20B81A05H2	R2032051	MACHINE LEARNING	30	A	3
20B81A05H2	R2032052	COMPILER DESIGN	30	C	3
20B81A05H2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A05H2	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05H2	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05H2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05H2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H2	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05H2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05H2	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05H3	R2032051	MACHINE LEARNING	23	E	3
20B81A05H3	R2032052	COMPILER DESIGN	22	C	3
20B81A05H3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	D	3
20B81A05H3	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A05H3	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05H3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05H3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H3	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05H3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
20B81A05H3	R203205E	MEAN STACK DEVELOPMENT	23	C	3
20B81A05H4	R2032051	MACHINE LEARNING	26	C	3
20B81A05H4	R2032052	COMPILER DESIGN	27	C	3
20B81A05H4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05H4	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A05H4	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05H4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05H4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H4	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05H4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05H4	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A05H5	R2032051	MACHINE LEARNING	30	C	3
20B81A05H5	R2032052	COMPILER DESIGN	29	A	3
20B81A05H5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05H5	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05H5	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05H5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05H5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H5	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05H5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05H5	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20B81A05H6	R2032051	MACHINE LEARNING	29	C	3
20B81A05H6	R2032052	COMPILER DESIGN	26	D	3
20B81A05H6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05H6	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05H6	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05H6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05H6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05H6	R2032059	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A05H6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05H6	R203205E	MEAN STACK DEVELOPMENT	25	B	3
20B81A05H7	R2032051	MACHINE LEARNING	27	D	3
20B81A05H7	R2032052	COMPILER DESIGN	23	C	3
20B81A05H7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A05H7	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05H7	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05H7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05H7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H7	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05H7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
20B81A05H7	R203205E	MEAN STACK DEVELOPMENT	27	D	3
20B81A05H8	R2032051	MACHINE LEARNING	29	C	3
20B81A05H8	R2032052	COMPILER DESIGN	28	C	3
20B81A05H8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A05H8	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05H8	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05H8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05H8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H8	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05H8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05H8	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A05H9	R2032051	MACHINE LEARNING	23	C	3
20B81A05H9	R2032052	COMPILER DESIGN	25	C	3
20B81A05H9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A05H9	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A05H9	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05H9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A05H9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05H9	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05H9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20B81A05H9	R203205E	MEAN STACK DEVELOPMENT	21	C	3
20B81A05I0	R2032051	MACHINE LEARNING	25	E	3
20B81A05I0	R2032052	COMPILER DESIGN	27	C	3
20B81A05I0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A05I0	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05I0	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05I0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05I0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05I0	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05I0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05I0	R203205E	MEAN STACK DEVELOPMENT	25	C	3
20B81A05I1	R2032051	MACHINE LEARNING	28	C	3
20B81A05I1	R2032052	COMPILER DESIGN	30	B	3
20B81A05I1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05I1	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05I1	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05I1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05I1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05I1	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05I1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05I1	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05I2	R2032051	MACHINE LEARNING	28	C	3
20B81A05I2	R2032052	COMPILER DESIGN	25	B	3
20B81A05I2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A05I2	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05I2	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05I2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05I2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05I2	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05I2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	A	3
20B81A05I2	R203205E	MEAN STACK DEVELOPMENT	25	A	3
20B81A05I3	R2032051	MACHINE LEARNING	27	C	3
20B81A05I3	R2032052	COMPILER DESIGN	26	C	3
20B81A05I3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05I3	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05I3	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05I3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05I3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05I3	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
20B81A05I3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05I3	R203205E	MEAN STACK DEVELOPMENT	27	A	3
20B81A05I4	R2032051	MACHINE LEARNING	24	C	3
20B81A05I4	R2032052	COMPILER DESIGN	26	C	3
20B81A05I4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05I4	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05I4	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05I4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05I4	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05I4	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
20B81A05I4	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
20B81A05I4	R203205E	MEAN STACK DEVELOPMENT	26	C	3
20B81A05I5	R2032051	MACHINE LEARNING	25	D	3
20B81A05I5	R2032052	COMPILER DESIGN	25	C	3
20B81A05I5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A05I5	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05I5	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05I5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05I5	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05I5	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05I5	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	30	C	3
20B81A05I5	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20B81A05I6	R2032051	MACHINE LEARNING	26	D	3
20B81A05I6	R2032052	COMPILER DESIGN	26	C	3
20B81A05I6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A05I6	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05I6	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05I6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05I6	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05I6	R2032059	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A05I6	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	B	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05I6	R203205E	MEAN STACK DEVELOPMENT	24	C	3
20B81A05I7	R2032051	MACHINE LEARNING	26	C	3
20B81A05I7	R2032052	COMPILER DESIGN	23	C	3
20B81A05I7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A05I7	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05I7	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05I7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05I7	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05I7	R2032059	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A05I7	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A05I7	R203205E	MEAN STACK DEVELOPMENT	19	D	3
20B81A05I8	R2032051	MACHINE LEARNING	21	D	3
20B81A05I8	R2032052	COMPILER DESIGN	22	D	3
20B81A05I8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A05I8	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A05I8	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20B81A05I8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05I8	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05I8	R2032059	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A05I8	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20B81A05I8	R203205E	MEAN STACK DEVELOPMENT	23	C	3
20B81A05I9	R2032051	MACHINE LEARNING	29	C	3
20B81A05I9	R2032052	COMPILER DESIGN	29	B	3
20B81A05I9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A05I9	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05I9	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05I9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05I9	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05I9	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05I9	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05I9	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20B81A05J0	R2032051	MACHINE LEARNING	30	C	3
20B81A05J0	R2032052	COMPILER DESIGN	29	C	3
20B81A05J0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A05J0	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A05J0	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20B81A05J0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A05J0	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05J0	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20B81A05J0	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20B81A05J0	R203205E	MEAN STACK DEVELOPMENT	27	A	3
20B81A05J1	R2032051	MACHINE LEARNING	28	C	3
20B81A05J1	R2032052	COMPILER DESIGN	25	C	3
20B81A05J1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	B	3
20B81A05J1	R2032054	MACHINE LEARNING USING PYTHON LAB	11	B	1.5
20B81A05J1	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20B81A05J1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05J1	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05J1	R2032059	EMPLOYABILITY SKILLS-II	15	COMPLE	0
20B81A05J1	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	C	3
20B81A05J1	R203205E	MEAN STACK DEVELOPMENT	23	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A05J2	R2032051	MACHINE LEARNING	25	E	3
20B81A05J2	R2032052	COMPILER DESIGN	19	D	3
20B81A05J2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	E	3
20B81A05J2	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A05J2	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20B81A05J2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A05J2	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20B81A05J2	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A05J2	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	C	3
20B81A05J2	R203205E	MEAN STACK DEVELOPMENT	21	C	3
20B81A05J3	R2032051	MACHINE LEARNING	26	D	3
20B81A05J3	R2032052	COMPILER DESIGN	25	F	0
20B81A05J3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A05J3	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
20B81A05J3	R2032055	COMPILER DESIGN LAB	11	A	1.5
20B81A05J3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A05J3	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20B81A05J3	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20B81A05J3	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
20B81A05J3	R203205E	MEAN STACK DEVELOPMENT	23	F	0
20B81A1201	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A1201	R2032051	MACHINE LEARNING	27	C	3
20B81A1201	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	C	3
20B81A1201	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1201	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1201	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A1201	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
20B81A1201	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1201	R2032125	EMPLOYABILITY SKILLS-II	10	COMPLE	0
20B81A1201	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A1203	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	18	E	3
20B81A1203	R2032051	MACHINE LEARNING	21	D	3
20B81A1203	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	D	3
20B81A1203	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1203	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1203	R2032121	BIG DATA ANALYTICS	20	D	3
20B81A1203	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1203	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1203	R2032125	EMPLOYABILITY SKILLS-II	11	NOT CO	0
20B81A1203	R203212A	MEAN STACK DEVELOPMENT	20	E	3
20B81A1204	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	E	3
20B81A1204	R2032051	MACHINE LEARNING	27	C	3
20B81A1204	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	C	3
20B81A1204	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1204	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1204	R2032121	BIG DATA ANALYTICS	22	B	3
20B81A1204	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1204	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1204	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1204	R203212A	MEAN STACK DEVELOPMENT	25	E	3
20B81A1205	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1205	R2032051	MACHINE LEARNING	25	D	3
20B81A1205	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	E	3
20B81A1205	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1205	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1205	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1205	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1205	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1205	R2032125	EMPLOYABILITY SKILLS-II	15	COMPLE	0
20B81A1205	R203212A	MEAN STACK DEVELOPMENT	21	E	3
20B81A1206	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	C	3
20B81A1206	R2032051	MACHINE LEARNING	27	C	3
20B81A1206	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A1206	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1206	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1206	R2032121	BIG DATA ANALYTICS	20	D	3
20B81A1206	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1206	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1206	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A1206	R203212A	MEAN STACK DEVELOPMENT	21	E	3
20B81A1207	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	D	3
20B81A1207	R2032051	MACHINE LEARNING	28	B	3
20B81A1207	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	B	3
20B81A1207	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1207	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1207	R2032121	BIG DATA ANALYTICS	26	B	3
20B81A1207	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1207	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1207	R2032125	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A1207	R203212A	MEAN STACK DEVELOPMENT	27	D	3
20B81A1208	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	19	D	3
20B81A1208	R2032051	MACHINE LEARNING	26	B	3
20B81A1208	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A1208	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1208	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1208	R2032121	BIG DATA ANALYTICS	25	C	3
20B81A1208	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1208	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1208	R2032125	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A1208	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A1209	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	B	3
20B81A1209	R2032051	MACHINE LEARNING	29	C	3
20B81A1209	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A1209	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1209	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1209	R2032121	BIG DATA ANALYTICS	27	B	3
20B81A1209	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1209	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1209	R2032125	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A1209	R203212A	MEAN STACK DEVELOPMENT	26	D	3
20B81A1210	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	C	3
20B81A1210	R2032051	MACHINE LEARNING	26	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1210	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1210	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1210	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1210	R2032121	BIG DATA ANALYTICS	25	C	3
20B81A1210	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1210	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1210	R2032125	EMPLOYABILITY SKILLS-II	12	COMPLE	0
20B81A1210	R203212A	MEAN STACK DEVELOPMENT	25	E	3
20B81A1211	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	19	E	3
20B81A1211	R2032051	MACHINE LEARNING	25	C	3
20B81A1211	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	C	3
20B81A1211	R2032054	MACHINE LEARNING USING PYTHON LAB	10	A	1.5
20B81A1211	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A1211	R2032121	BIG DATA ANALYTICS	23	C	3
20B81A1211	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1211	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1211	R2032125	EMPLOYABILITY SKILLS-II	17	NOT CO	0
20B81A1211	R203212A	MEAN STACK DEVELOPMENT	24	E	3
20B81A1212	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	17	F	0
20B81A1212	R2032051	MACHINE LEARNING	21	D	3
20B81A1212	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	19	E	3
20B81A1212	R2032054	MACHINE LEARNING USING PYTHON LAB	10	A	1.5
20B81A1212	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A1212	R2032121	BIG DATA ANALYTICS	21	E	3
20B81A1212	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1212	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1212	R2032125	EMPLOYABILITY SKILLS-II	12	COMPLE	0
20B81A1212	R203212A	MEAN STACK DEVELOPMENT	19	E	3
20B81A1213	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A1213	R2032051	MACHINE LEARNING	26	D	3
20B81A1213	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A1213	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1213	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1213	R2032121	BIG DATA ANALYTICS	26	B	3
20B81A1213	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1213	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1213	R2032125	EMPLOYABILITY SKILLS-II	18	COMPLE	0
20B81A1213	R203212A	MEAN STACK DEVELOPMENT	25	D	3
20B81A1214	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	C	3
20B81A1214	R2032051	MACHINE LEARNING	24	C	3
20B81A1214	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1214	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
20B81A1214	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1214	R2032121	BIG DATA ANALYTICS	21	C	3
20B81A1214	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1214	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1214	R2032125	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A1214	R203212A	MEAN STACK DEVELOPMENT	21	E	3
20B81A1215	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	D	3
20B81A1215	R2032051	MACHINE LEARNING	22	C	3
20B81A1215	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	B	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1215	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1215	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1215	R2032121	BIG DATA ANALYTICS	23	C	3
20B81A1215	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1215	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1215	R2032125	EMPLOYABILITY SKILLS-II	15	COMPLE	0
20B81A1215	R203212A	MEAN STACK DEVELOPMENT	27	D	3
20B81A1216	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A1216	R2032051	MACHINE LEARNING	28	B	3
20B81A1216	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A1216	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1216	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
20B81A1216	R2032121	BIG DATA ANALYTICS	27	A	3
20B81A1216	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1216	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1216	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A1216	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A1217	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	E	3
20B81A1217	R2032051	MACHINE LEARNING	24	D	3
20B81A1217	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A1217	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A1217	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1217	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1217	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1217	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1217	R2032125	EMPLOYABILITY SKILLS-II	24	COMPLE	0
20B81A1217	R203212A	MEAN STACK DEVELOPMENT	26	D	3
20B81A1218	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A1218	R2032051	MACHINE LEARNING	28	C	3
20B81A1218	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A1218	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1218	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1218	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A1218	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1218	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1218	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
20B81A1218	R203212A	MEAN STACK DEVELOPMENT	29	D	3
20B81A1219	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A1219	R2032051	MACHINE LEARNING	23	D	3
20B81A1219	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
20B81A1219	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1219	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1219	R2032121	BIG DATA ANALYTICS	22	D	3
20B81A1219	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1219	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1219	R2032125	EMPLOYABILITY SKILLS-II	13	NOT CO	0
20B81A1219	R203212A	MEAN STACK DEVELOPMENT	22	F	0
20B81A1220	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	D	3
20B81A1220	R2032051	MACHINE LEARNING	26	A	3
20B81A1220	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	C	3
20B81A1220	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1220	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1220	R2032121	BIG DATA ANALYTICS	24	C	3
20B81A1220	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
20B81A1220	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1220	R2032125	EMPLOYABILITY SKILLS-II	15	COMPLE	0
20B81A1220	R203212A	MEAN STACK DEVELOPMENT	23	D	3
20B81A1221	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	E	3
20B81A1221	R2032051	MACHINE LEARNING	24	E	3
20B81A1221	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A1221	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1221	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1221	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1221	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1221	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1221	R2032125	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A1221	R203212A	MEAN STACK DEVELOPMENT	20	E	3
20B81A1222	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	D	3
20B81A1222	R2032051	MACHINE LEARNING	23	F	0
20B81A1222	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
20B81A1222	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1222	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A1222	R2032121	BIG DATA ANALYTICS	23	E	3
20B81A1222	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1222	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1222	R2032125	EMPLOYABILITY SKILLS-II	22	COMPLE	0
20B81A1222	R203212A	MEAN STACK DEVELOPMENT	25	E	3
20B81A1223	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	E	3
20B81A1223	R2032051	MACHINE LEARNING	19	E	3
20B81A1223	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	20	D	3
20B81A1223	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1223	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1223	R2032121	BIG DATA ANALYTICS	22	E	3
20B81A1223	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1223	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1223	R2032125	EMPLOYABILITY SKILLS-II	16	COMPLE	0
20B81A1223	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A1224	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A1224	R2032051	MACHINE LEARNING	26	B	3
20B81A1224	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A1224	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1224	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1224	R2032121	BIG DATA ANALYTICS	24	C	3
20B81A1224	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1224	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1224	R2032125	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A1224	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A1225	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	28	C	3
20B81A1225	R2032051	MACHINE LEARNING	26	C	3
20B81A1225	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	B	3
20B81A1225	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1225	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1225	R2032121	BIG DATA ANALYTICS	27	B	3
20B81A1225	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1225	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1225	R2032125	EMPLOYABILITY SKILLS-II	12	NOT CO	0
20B81A1225	R203212A	MEAN STACK DEVELOPMENT	27	D	3
20B81A1226	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	F	0
20B81A1226	R2032051	MACHINE LEARNING	27	D	3
20B81A1226	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A1226	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1226	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1226	R2032121	BIG DATA ANALYTICS	24	F	0
20B81A1226	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1226	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1226	R2032125	EMPLOYABILITY SKILLS-II	3	COMPLE	0
20B81A1226	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A1227	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A1227	R2032051	MACHINE LEARNING	26	B	3
20B81A1227	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	B	3
20B81A1227	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1227	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1227	R2032121	BIG DATA ANALYTICS	26	B	3
20B81A1227	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1227	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1227	R2032125	EMPLOYABILITY SKILLS-II	15	COMPLE	0
20B81A1227	R203212A	MEAN STACK DEVELOPMENT	26	D	3
20B81A1228	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	F	0
20B81A1228	R2032051	MACHINE LEARNING	22	F	0
20B81A1228	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	F	0
20B81A1228	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1228	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1228	R2032121	BIG DATA ANALYTICS	24	F	0
20B81A1228	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1228	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1228	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A1228	R203212A	MEAN STACK DEVELOPMENT	23	F	0
20B81A1229	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	C	3
20B81A1229	R2032051	MACHINE LEARNING	29	C	3
20B81A1229	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1229	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1229	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1229	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A1229	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1229	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1229	R2032125	EMPLOYABILITY SKILLS-II	21	COMPLE	0
20B81A1229	R203212A	MEAN STACK DEVELOPMENT	22	D	3
20B81A1230	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	19	F	0
20B81A1230	R2032051	MACHINE LEARNING	19	F	0
20B81A1230	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	19	F	0
20B81A1230	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1230	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1230	R2032121	BIG DATA ANALYTICS	22	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1230	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1230	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1230	R2032125	EMPLOYABILITY SKILLS-II	17	COMPLE	0
20B81A1230	R203212A	MEAN STACK DEVELOPMENT	17	F	0
20B81A1231	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	C	3
20B81A1231	R2032051	MACHINE LEARNING	28	B	3
20B81A1231	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	B	3
20B81A1231	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
20B81A1231	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1231	R2032121	BIG DATA ANALYTICS	24	B	3
20B81A1231	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1231	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1231	R2032125	EMPLOYABILITY SKILLS-II	16	COMPLE	0
20B81A1231	R203212A	MEAN STACK DEVELOPMENT	23	D	3
20B81A1232	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A1232	R2032051	MACHINE LEARNING	29	A	3
20B81A1232	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A1232	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1232	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1232	R2032121	BIG DATA ANALYTICS	27	A+	3
20B81A1232	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1232	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1232	R2032125	EMPLOYABILITY SKILLS-II	10	NOT CO	0
20B81A1232	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A1233	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	18	F	0
20B81A1233	R2032051	MACHINE LEARNING	17	E	3
20B81A1233	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	20	E	3
20B81A1233	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1233	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1233	R2032121	BIG DATA ANALYTICS	17	E	3
20B81A1233	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1233	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1233	R2032125	EMPLOYABILITY SKILLS-II	13	NOT CO	0
20B81A1233	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A1234	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A1234	R2032051	MACHINE LEARNING	20	F	0
20B81A1234	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	E	3
20B81A1234	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1234	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1234	R2032121	BIG DATA ANALYTICS	24	F	0
20B81A1234	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1234	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1234	R2032125	EMPLOYABILITY SKILLS-II	14	COMPLE	0
20B81A1234	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A1235	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
20B81A1235	R2032051	MACHINE LEARNING	29	A	3
20B81A1235	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	30	A	3
20B81A1235	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1235	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1235	R2032121	BIG DATA ANALYTICS	28	B	3
20B81A1235	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1235	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1235	R2032125	EMPLOYABILITY SKILLS-II	18	COMPLE	0
20B81A1235	R203212A	MEAN STACK DEVELOPMENT	28	C	3
20B81A1236	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A1236	R2032051	MACHINE LEARNING	27	A	3
20B81A1236	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A1236	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1236	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1236	R2032121	BIG DATA ANALYTICS	25	A	3
20B81A1236	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1236	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1236	R2032125	EMPLOYABILITY SKILLS-II	22	COMPLE	0
20B81A1236	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A1237	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	F	0
20B81A1237	R2032051	MACHINE LEARNING	22	E	3
20B81A1237	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	19	D	3
20B81A1237	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1237	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1237	R2032121	BIG DATA ANALYTICS	21	E	3
20B81A1237	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1237	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1237	R2032125	EMPLOYABILITY SKILLS-II	17	COMPLE	0
20B81A1237	R203212A	MEAN STACK DEVELOPMENT	21	E	3
20B81A1239	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	C	3
20B81A1239	R2032051	MACHINE LEARNING	24	C	3
20B81A1239	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
20B81A1239	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1239	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1239	R2032121	BIG DATA ANALYTICS	23	D	3
20B81A1239	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1239	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1239	R2032125	EMPLOYABILITY SKILLS-II	22	COMPLE	0
20B81A1239	R203212A	MEAN STACK DEVELOPMENT	24	D	3
20B81A1240	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A1240	R2032051	MACHINE LEARNING	23	E	3
20B81A1240	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A1240	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1240	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1240	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1240	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1240	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1240	R2032125	EMPLOYABILITY SKILLS-II	11	NOT CO	0
20B81A1240	R203212A	MEAN STACK DEVELOPMENT	20	F	0
20B81A1241	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A1241	R2032051	MACHINE LEARNING	21	D	3
20B81A1241	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	22	E	3
20B81A1241	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1241	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1241	R2032121	BIG DATA ANALYTICS	23	D	3
20B81A1241	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1241	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1241	R2032125	EMPLOYABILITY SKILLS-II	25	COMPLE	0
20B81A1241	R203212A	MEAN STACK DEVELOPMENT	23	F	0
20B81A1242	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	E	3
20B81A1242	R2032051	MACHINE LEARNING	26	D	3
20B81A1242	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1242	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1242	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1242	R2032121	BIG DATA ANALYTICS	25	B	3
20B81A1242	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1242	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1242	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A1242	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A1243	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	29	C	3
20B81A1243	R2032051	MACHINE LEARNING	29	C	3
20B81A1243	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A1243	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1243	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1243	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A1243	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1243	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1243	R2032125	EMPLOYABILITY SKILLS-II	18	COMPLE	0
20B81A1243	R203212A	MEAN STACK DEVELOPMENT	29	D	3
20B81A1244	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	20	D	3
20B81A1244	R2032051	MACHINE LEARNING	26	B	3
20B81A1244	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	15	C	3
20B81A1244	R2032054	MACHINE LEARNING USING PYTHON LAB	10	A	1.5
20B81A1244	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	10	A	1.5
20B81A1244	R2032121	BIG DATA ANALYTICS	21	C	3
20B81A1244	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
20B81A1244	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1244	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A1244	R203212A	MEAN STACK DEVELOPMENT	22	D	3
20B81A1245	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	29	C	3
20B81A1245	R2032051	MACHINE LEARNING	30	A	3
20B81A1245	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A1245	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1245	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1245	R2032121	BIG DATA ANALYTICS	30	B	3
20B81A1245	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1245	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1245	R2032125	EMPLOYABILITY SKILLS-II	22	COMPLE	0
20B81A1245	R203212A	MEAN STACK DEVELOPMENT	30	D	3
20B81A1246	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	F	0
20B81A1246	R2032051	MACHINE LEARNING	21	D	3
20B81A1246	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	E	3
20B81A1246	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1246	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1246	R2032121	BIG DATA ANALYTICS	24	F	0
20B81A1246	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1246	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1246	R2032125	EMPLOYABILITY SKILLS-II	22	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1246	R203212A	MEAN STACK DEVELOPMENT	21	F	0
20B81A1247	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	20	D	3
20B81A1247	R2032051	MACHINE LEARNING	27	C	3
20B81A1247	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	22	C	3
20B81A1247	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1247	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1247	R2032121	BIG DATA ANALYTICS	25	D	3
20B81A1247	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A1247	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1247	R2032125	EMPLOYABILITY SKILLS-II	11	COMPLE	0
20B81A1247	R203212A	MEAN STACK DEVELOPMENT	23	E	3
20B81A1248	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	18	F	0
20B81A1248	R2032051	MACHINE LEARNING	20	D	3
20B81A1248	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	22	D	3
20B81A1248	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1248	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1248	R2032121	BIG DATA ANALYTICS	17	E	3
20B81A1248	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1248	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1248	R2032125	EMPLOYABILITY SKILLS-II	10	NOT CO	0
20B81A1248	R203212A	MEAN STACK DEVELOPMENT	19	F	0
20B81A1249	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	D	3
20B81A1249	R2032051	MACHINE LEARNING	28	A	3
20B81A1249	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A1249	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1249	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20B81A1249	R2032121	BIG DATA ANALYTICS	26	A	3
20B81A1249	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1249	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1249	R2032125	EMPLOYABILITY SKILLS-II	11	COMPLE	0
20B81A1249	R203212A	MEAN STACK DEVELOPMENT	29	D	3
20B81A1250	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
20B81A1250	R2032051	MACHINE LEARNING	27	C	3
20B81A1250	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	B	3
20B81A1250	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1250	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A+	1.5
20B81A1250	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A1250	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1250	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1250	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1250	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A1251	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	D	3
20B81A1251	R2032051	MACHINE LEARNING	23	D	3
20B81A1251	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	D	3
20B81A1251	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1251	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A1251	R2032121	BIG DATA ANALYTICS	21	D	3
20B81A1251	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1251	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1251	R2032125	EMPLOYABILITY SKILLS-II	5	COMPLE	0
20B81A1251	R203212A	MEAN STACK DEVELOPMENT	24	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1252	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	E	3
20B81A1252	R2032051	MACHINE LEARNING	26	C	3
20B81A1252	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1252	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A1252	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1252	R2032121	BIG DATA ANALYTICS	23	D	3
20B81A1252	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1252	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1252	R2032125	EMPLOYABILITY SKILLS-II	9	COMPLE	0
20B81A1252	R203212A	MEAN STACK DEVELOPMENT	29	C	3
20B81A1253	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	E	3
20B81A1253	R2032051	MACHINE LEARNING	24	B	3
20B81A1253	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	C	3
20B81A1253	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1253	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1253	R2032121	BIG DATA ANALYTICS	20	C	3
20B81A1253	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1253	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1253	R2032125	EMPLOYABILITY SKILLS-II	3	NOT CO	0
20B81A1253	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A1254	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	20	D	3
20B81A1254	R2032051	MACHINE LEARNING	22	C	3
20B81A1254	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A1254	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1254	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1254	R2032121	BIG DATA ANALYTICS	27	A	3
20B81A1254	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1254	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1254	R2032125	EMPLOYABILITY SKILLS-II	7	COMPLE	0
20B81A1254	R203212A	MEAN STACK DEVELOPMENT	28	A	3
20B81A1255	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A1255	R2032051	MACHINE LEARNING	27	C	3
20B81A1255	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A1255	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1255	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1255	R2032121	BIG DATA ANALYTICS	27	C	3
20B81A1255	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1255	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1255	R2032125	EMPLOYABILITY SKILLS-II	18	COMPLE	0
20B81A1255	R203212A	MEAN STACK DEVELOPMENT	27	A	3
20B81A1256	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	F	0
20B81A1256	R2032051	MACHINE LEARNING	22	D	3
20B81A1256	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	D	3
20B81A1256	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1256	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1256	R2032121	BIG DATA ANALYTICS	27	D	3
20B81A1256	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1256	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1256	R2032125	EMPLOYABILITY SKILLS-II	13	COMPLE	0
20B81A1256	R203212A	MEAN STACK DEVELOPMENT	24	F	0
20B81A1257	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1257	R2032051	MACHINE LEARNING	24	C	3
20B81A1257	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1257	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1257	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1257	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1257	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1257	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1257	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1257	R203212A	MEAN STACK DEVELOPMENT	27	B	3
20B81A1258	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
20B81A1258	R2032051	MACHINE LEARNING	27	D	3
20B81A1258	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	B	3
20B81A1258	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1258	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1258	R2032121	BIG DATA ANALYTICS	27	C	3
20B81A1258	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1258	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1258	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1258	R203212A	MEAN STACK DEVELOPMENT	24	B	3
20B81A1259	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	29	D	3
20B81A1259	R2032051	MACHINE LEARNING	28	C	3
20B81A1259	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	B	3
20B81A1259	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1259	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1259	R2032121	BIG DATA ANALYTICS	29	B	3
20B81A1259	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1259	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1259	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
20B81A1259	R203212A	MEAN STACK DEVELOPMENT	24	D	3
20B81A1260	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	20	F	0
20B81A1260	R2032051	MACHINE LEARNING	21	D	3
20B81A1260	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	C	3
20B81A1260	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A1260	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1260	R2032121	BIG DATA ANALYTICS	22	E	3
20B81A1260	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1260	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1260	R2032125	EMPLOYABILITY SKILLS-II	2	NOT CO	0
20B81A1260	R203212A	MEAN STACK DEVELOPMENT	20	D	3
20B81A1261	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	28	C	3
20B81A1261	R2032051	MACHINE LEARNING	28	A+	3
20B81A1261	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A1261	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1261	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1261	R2032121	BIG DATA ANALYTICS	30	A	3
20B81A1261	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1261	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1261	R2032125	EMPLOYABILITY SKILLS-II	7	COMPLE	0
20B81A1261	R203212A	MEAN STACK DEVELOPMENT	30	A	3
20B81A1262	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A1262	R2032051	MACHINE LEARNING	23	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1262	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A1262	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1262	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1262	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1262	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1262	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1262	R2032125	EMPLOYABILITY SKILLS-II	17	COMPLE	0
20B81A1262	R203212A	MEAN STACK DEVELOPMENT	27	B	3
20B81A1263	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	17	E	3
20B81A1263	R2032051	MACHINE LEARNING	24	D	3
20B81A1263	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A1263	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1263	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1263	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1263	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1263	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1263	R2032125	EMPLOYABILITY SKILLS-II	3	NOT CO	0
20B81A1263	R203212A	MEAN STACK DEVELOPMENT	25	C	3
20B81A1264	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A1264	R2032051	MACHINE LEARNING	30	C	3
20B81A1264	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A1264	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1264	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A+	1.5
20B81A1264	R2032121	BIG DATA ANALYTICS	28	B	3
20B81A1264	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1264	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1264	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1264	R203212A	MEAN STACK DEVELOPMENT	26	C	3
20B81A1265	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
20B81A1265	R2032051	MACHINE LEARNING	28	B	3
20B81A1265	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A1265	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1265	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1265	R2032121	BIG DATA ANALYTICS	27	B	3
20B81A1265	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1265	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1265	R2032125	EMPLOYABILITY SKILLS-II	9	NOT CO	0
20B81A1265	R203212A	MEAN STACK DEVELOPMENT	28	B	3
20B81A1266	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A1266	R2032051	MACHINE LEARNING	27	D	3
20B81A1266	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A1266	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1266	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1266	R2032121	BIG DATA ANALYTICS	27	C	3
20B81A1266	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1266	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1266	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1266	R203212A	MEAN STACK DEVELOPMENT	26	A	3
20B81A1268	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	F	0
20B81A1268	R2032051	MACHINE LEARNING	20	D	3
20B81A1268	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	22	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1268	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1268	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1268	R2032121	BIG DATA ANALYTICS	21	F	0
20B81A1268	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1268	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1268	R2032125	EMPLOYABILITY SKILLS-II	14	NOT CO	0
20B81A1268	R203212A	MEAN STACK DEVELOPMENT	25	D	3
20B81A1269	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A1269	R2032051	MACHINE LEARNING	28	C	3
20B81A1269	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1269	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1269	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1269	R2032121	BIG DATA ANALYTICS	26	B	3
20B81A1269	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1269	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1269	R2032125	EMPLOYABILITY SKILLS-II	5	NOT CO	0
20B81A1269	R203212A	MEAN STACK DEVELOPMENT	26	D	3
20B81A1270	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	D	3
20B81A1270	R2032051	MACHINE LEARNING	28	C	3
20B81A1270	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A1270	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1270	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A1270	R2032121	BIG DATA ANALYTICS	28	B	3
20B81A1270	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1270	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1270	R2032125	EMPLOYABILITY SKILLS-II	9	NOT CO	0
20B81A1270	R203212A	MEAN STACK DEVELOPMENT	25	E	3
20B81A1271	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	16	F	0
20B81A1271	R2032051	MACHINE LEARNING	18	F	0
20B81A1271	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	19	F	0
20B81A1271	R2032054	MACHINE LEARNING USING PYTHON LAB	10	B	1.5
20B81A1271	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	10	B	1.5
20B81A1271	R2032121	BIG DATA ANALYTICS	18	E	3
20B81A1271	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
20B81A1271	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1271	R2032125	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A1271	R203212A	MEAN STACK DEVELOPMENT	20	F	0
20B81A1272	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	B	3
20B81A1272	R2032051	MACHINE LEARNING	25	C	3
20B81A1272	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A1272	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1272	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1272	R2032121	BIG DATA ANALYTICS	28	A	3
20B81A1272	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1272	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1272	R2032125	EMPLOYABILITY SKILLS-II	11	NOT CO	0
20B81A1272	R203212A	MEAN STACK DEVELOPMENT	30	A+	3
20B81A1273	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	E	3
20B81A1273	R2032051	MACHINE LEARNING	26	B	3
20B81A1273	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	B	3
20B81A1273	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1273	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1273	R2032121	BIG DATA ANALYTICS	24	C	3
20B81A1273	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1273	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1273	R2032125	EMPLOYABILITY SKILLS-II	7	NOT CO	0
20B81A1273	R203212A	MEAN STACK DEVELOPMENT	25	D	3
20B81A1274	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
20B81A1274	R2032051	MACHINE LEARNING	29	B	3
20B81A1274	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A1274	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1274	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1274	R2032121	BIG DATA ANALYTICS	28	A	3
20B81A1274	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1274	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1274	R2032125	EMPLOYABILITY SKILLS-II	18	COMPLE	0
20B81A1274	R203212A	MEAN STACK DEVELOPMENT	30	A+	3
20B81A1275	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	18	F	0
20B81A1275	R2032051	MACHINE LEARNING	22	F	0
20B81A1275	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	19	F	0
20B81A1275	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1275	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A1275	R2032121	BIG DATA ANALYTICS	22	F	0
20B81A1275	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1275	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1275	R2032125	EMPLOYABILITY SKILLS-II	9	NOT CO	0
20B81A1275	R203212A	MEAN STACK DEVELOPMENT	19	F	0
20B81A1276	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A1276	R2032051	MACHINE LEARNING	26	D	3
20B81A1276	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1276	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1276	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1276	R2032121	BIG DATA ANALYTICS	27	C	3
20B81A1276	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1276	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1276	R2032125	EMPLOYABILITY SKILLS-II	11	NOT CO	0
20B81A1276	R203212A	MEAN STACK DEVELOPMENT	28	A	3
20B81A1277	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A1277	R2032051	MACHINE LEARNING	28	C	3
20B81A1277	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	C	3
20B81A1277	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1277	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1277	R2032121	BIG DATA ANALYTICS	24	E	3
20B81A1277	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1277	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1277	R2032125	EMPLOYABILITY SKILLS-II	7	NOT CO	0
20B81A1277	R203212A	MEAN STACK DEVELOPMENT	24	B	3
20B81A1278	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	D	3
20B81A1278	R2032051	MACHINE LEARNING	27	C	3
20B81A1278	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A1278	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1278	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1278	R2032121	BIG DATA ANALYTICS	27	B	3
20B81A1278	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1278	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1278	R2032125	EMPLOYABILITY SKILLS-II	17	NOT CO	0
20B81A1278	R203212A	MEAN STACK DEVELOPMENT	25	B	3
20B81A1279	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	D	3
20B81A1279	R2032051	MACHINE LEARNING	29	B	3
20B81A1279	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A1279	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1279	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1279	R2032121	BIG DATA ANALYTICS	28	A+	3
20B81A1279	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1279	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1279	R2032125	EMPLOYABILITY SKILLS-II	17	COMPLE	0
20B81A1279	R203212A	MEAN STACK DEVELOPMENT	27	B	3
20B81A1280	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	C	3
20B81A1280	R2032051	MACHINE LEARNING	27	C	3
20B81A1280	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A1280	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A1280	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1280	R2032121	BIG DATA ANALYTICS	26	B	3
20B81A1280	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1280	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1280	R2032125	EMPLOYABILITY SKILLS-II	18	COMPLE	0
20B81A1280	R203212A	MEAN STACK DEVELOPMENT	26	B	3
20B81A1281	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A1281	R2032051	MACHINE LEARNING	29	C	3
20B81A1281	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	B	3
20B81A1281	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1281	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1281	R2032121	BIG DATA ANALYTICS	27	C	3
20B81A1281	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1281	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1281	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1281	R203212A	MEAN STACK DEVELOPMENT	24	B	3
20B81A1282	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	28	B	3
20B81A1282	R2032051	MACHINE LEARNING	28	C	3
20B81A1282	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	B	3
20B81A1282	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1282	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1282	R2032121	BIG DATA ANALYTICS	27	A	3
20B81A1282	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1282	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1282	R2032125	EMPLOYABILITY SKILLS-II	15	NOT CO	0
20B81A1282	R203212A	MEAN STACK DEVELOPMENT	28	A	3
20B81A1283	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	E	3
20B81A1283	R2032051	MACHINE LEARNING	28	C	3
20B81A1283	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A1283	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1283	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1283	R2032121	BIG DATA ANALYTICS	23	A	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1283	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1283	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1283	R2032125	EMPLOYABILITY SKILLS-II	11	COMPLE	0
20B81A1283	R203212A	MEAN STACK DEVELOPMENT	24	A	3
20B81A1284	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	D	3
20B81A1284	R2032051	MACHINE LEARNING	25	D	3
20B81A1284	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
20B81A1284	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A1284	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1284	R2032121	BIG DATA ANALYTICS	25	D	3
20B81A1284	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1284	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1284	R2032125	EMPLOYABILITY SKILLS-II	2	NOT CO	0
20B81A1284	R203212A	MEAN STACK DEVELOPMENT	25	D	3
20B81A1285	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	16	F	0
20B81A1285	R2032051	MACHINE LEARNING	13	F	0
20B81A1285	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	12	F	0
20B81A1285	R2032054	MACHINE LEARNING USING PYTHON LAB	10	B	1.5
20B81A1285	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	10	B	1.5
20B81A1285	R2032121	BIG DATA ANALYTICS	18	F	0
20B81A1285	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
20B81A1285	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	B	2
20B81A1285	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
20B81A1285	R203212A	MEAN STACK DEVELOPMENT	17	F	0
20B81A1286	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	D	3
20B81A1286	R2032051	MACHINE LEARNING	26	A	3
20B81A1286	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A1286	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1286	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1286	R2032121	BIG DATA ANALYTICS	28	A	3
20B81A1286	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1286	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1286	R2032125	EMPLOYABILITY SKILLS-II	17	NOT CO	0
20B81A1286	R203212A	MEAN STACK DEVELOPMENT	28	A	3
20B81A1287	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A1287	R2032051	MACHINE LEARNING	29	C	3
20B81A1287	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A1287	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1287	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1287	R2032121	BIG DATA ANALYTICS	26	A	3
20B81A1287	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1287	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1287	R2032125	EMPLOYABILITY SKILLS-II	17	COMPLE	0
20B81A1287	R203212A	MEAN STACK DEVELOPMENT	29	A	3
20B81A1288	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A1288	R2032051	MACHINE LEARNING	28	C	3
20B81A1288	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A1288	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1288	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1288	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1288	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1288	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1288	R2032125	EMPLOYABILITY SKILLS-II	18	COMPLE	0
20B81A1288	R203212A	MEAN STACK DEVELOPMENT	27	C	3
20B81A1289	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A1289	R2032051	MACHINE LEARNING	28	B	3
20B81A1289	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
20B81A1289	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1289	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1289	R2032121	BIG DATA ANALYTICS	29	C	3
20B81A1289	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1289	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1289	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A1289	R203212A	MEAN STACK DEVELOPMENT	28	A	3
20B81A1290	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	18	E	3
20B81A1290	R2032051	MACHINE LEARNING	24	C	3
20B81A1290	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	19	D	3
20B81A1290	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A1290	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1290	R2032121	BIG DATA ANALYTICS	23	D	3
20B81A1290	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1290	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1290	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
20B81A1290	R203212A	MEAN STACK DEVELOPMENT	21	F	0
20B81A1291	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
20B81A1291	R2032051	MACHINE LEARNING	27	C	3
20B81A1291	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	A	3
20B81A1291	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1291	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1291	R2032121	BIG DATA ANALYTICS	29	A	3
20B81A1291	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1291	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1291	R2032125	EMPLOYABILITY SKILLS-II	7	NOT CO	0
20B81A1291	R203212A	MEAN STACK DEVELOPMENT	30	A+	3
20B81A1292	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	E	3
20B81A1292	R2032051	MACHINE LEARNING	26	C	3
20B81A1292	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
20B81A1292	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1292	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A1292	R2032121	BIG DATA ANALYTICS	22	D	3
20B81A1292	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1292	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A1292	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
20B81A1292	R203212A	MEAN STACK DEVELOPMENT	22	C	3
20B81A1293	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A1293	R2032051	MACHINE LEARNING	29	B	3
20B81A1293	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	A	3
20B81A1293	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1293	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A1293	R2032121	BIG DATA ANALYTICS	29	C	3
20B81A1293	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1293	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1293	R2032125	EMPLOYABILITY SKILLS-II	16	COMPLE	0
20B81A1293	R203212A	MEAN STACK DEVELOPMENT	27	A+	3
20B81A1294	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	13	F	0
20B81A1294	R2032051	MACHINE LEARNING	16	F	0
20B81A1294	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	20	E	3
20B81A1294	R2032054	MACHINE LEARNING USING PYTHON LAB	10	B	1.5
20B81A1294	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	10	B	1.5
20B81A1294	R2032121	BIG DATA ANALYTICS	22	F	0
20B81A1294	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
20B81A1294	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	B	2
20B81A1294	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
20B81A1294	R203212A	MEAN STACK DEVELOPMENT	19	F	0
20B81A1295	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	29	A	3
20B81A1295	R2032051	MACHINE LEARNING	29	C	3
20B81A1295	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A1295	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1295	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1295	R2032121	BIG DATA ANALYTICS	28	A	3
20B81A1295	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A1295	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1295	R2032125	EMPLOYABILITY SKILLS-II	9	NOT CO	0
20B81A1295	R203212A	MEAN STACK DEVELOPMENT	28	B	3
20B81A1296	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	F	0
20B81A1296	R2032051	MACHINE LEARNING	28	F	0
20B81A1296	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
20B81A1296	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A1296	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1296	R2032121	BIG DATA ANALYTICS	27	D	3
20B81A1296	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A1296	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1296	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A1296	R203212A	MEAN STACK DEVELOPMENT	25	D	3
20B81A1297	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	C	3
20B81A1297	R2032051	MACHINE LEARNING	27	B	3
20B81A1297	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	B	3
20B81A1297	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A1297	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A1297	R2032121	BIG DATA ANALYTICS	23	C	3
20B81A1297	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A1297	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1297	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
20B81A1297	R203212A	MEAN STACK DEVELOPMENT	25	D	3
20B81A1298	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A1298	R2032051	MACHINE LEARNING	26	C	3
20B81A1298	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A1298	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1298	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A1298	R2032121	BIG DATA ANALYTICS	26	B	3
20B81A1298	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1298	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1298	R2032125	EMPLOYABILITY SKILLS-II	7	NOT CO	0

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A1298	R203212A	MEAN STACK DEVELOPMENT	25	B	3
20B81A1299	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	D	3
20B81A1299	R2032051	MACHINE LEARNING	28	D	3
20B81A1299	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A1299	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A1299	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A1299	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A1299	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A1299	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A1299	R2032125	EMPLOYABILITY SKILLS-II	10	NOT CO	0
20B81A1299	R203212A	MEAN STACK DEVELOPMENT	25	A	3
20B81A12A0	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A12A0	R2032051	MACHINE LEARNING	24	D	3
20B81A12A0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
20B81A12A0	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A12A0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12A0	R2032121	BIG DATA ANALYTICS	25	D	3
20B81A12A0	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A12A0	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12A0	R2032125	EMPLOYABILITY SKILLS-II	5	NOT CO	0
20B81A12A0	R203212A	MEAN STACK DEVELOPMENT	21	B	3
20B81A12A1	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A12A1	R2032051	MACHINE LEARNING	28	B	3
20B81A12A1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	A	3
20B81A12A1	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
20B81A12A1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A12A1	R2032121	BIG DATA ANALYTICS	28	C	3
20B81A12A1	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A12A1	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12A1	R2032125	EMPLOYABILITY SKILLS-II	14	COMPLE	0
20B81A12A1	R203212A	MEAN STACK DEVELOPMENT	25	D	3
20B81A12A2	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A12A2	R2032051	MACHINE LEARNING	30	A	3
20B81A12A2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A12A2	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12A2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A12A2	R2032121	BIG DATA ANALYTICS	28	A+	3
20B81A12A2	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A12A2	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12A2	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A12A2	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A12A3	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
20B81A12A3	R2032051	MACHINE LEARNING	29	D	3
20B81A12A3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A12A3	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12A3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A12A3	R2032121	BIG DATA ANALYTICS	28	C	3
20B81A12A3	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A12A3	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12A3	R2032125	EMPLOYABILITY SKILLS-II	28	COMPLE	0
20B81A12A3	R203212A	MEAN STACK DEVELOPMENT	26	A	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A12A4	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A12A4	R2032051	MACHINE LEARNING	29	C	3
20B81A12A4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A12A4	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12A4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A12A4	R2032121	BIG DATA ANALYTICS	29	B	3
20B81A12A4	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A12A4	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12A4	R2032125	EMPLOYABILITY SKILLS-II	22	COMPLE	0
20B81A12A4	R203212A	MEAN STACK DEVELOPMENT	28	A	3
20B81A12A5	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	20	F	0
20B81A12A5	R2032051	MACHINE LEARNING	24	D	3
20B81A12A5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	22	F	0
20B81A12A5	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A12A5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A12A5	R2032121	BIG DATA ANALYTICS	26	D	3
20B81A12A5	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
20B81A12A5	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12A5	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A12A5	R203212A	MEAN STACK DEVELOPMENT	22	D	3
20B81A12A6	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	E	3
20B81A12A6	R2032051	MACHINE LEARNING	25	B	3
20B81A12A6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A12A6	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12A6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A12A6	R2032121	BIG DATA ANALYTICS	26	B	3
20B81A12A6	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A12A6	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12A6	R2032125	EMPLOYABILITY SKILLS-II	14	NOT CO	0
20B81A12A6	R203212A	MEAN STACK DEVELOPMENT	25	B	3
20B81A12A7	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	F	0
20B81A12A7	R2032051	MACHINE LEARNING	22	F	0
20B81A12A7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	F	0
20B81A12A7	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A12A7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12A7	R2032121	BIG DATA ANALYTICS	22	F	0
20B81A12A7	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A12A7	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12A7	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
20B81A12A7	R203212A	MEAN STACK DEVELOPMENT	21	F	0
20B81A12A8	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	F	0
20B81A12A8	R2032051	MACHINE LEARNING	24	F	0
20B81A12A8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	22	F	0
20B81A12A8	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A12A8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12A8	R2032121	BIG DATA ANALYTICS	25	D	3
20B81A12A8	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A12A8	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12A8	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
20B81A12A8	R203212A	MEAN STACK DEVELOPMENT	23	C	3
20B81A12A9	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A12A9	R2032051	MACHINE LEARNING	21	D	3
20B81A12A9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	D	3
20B81A12A9	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12A9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12A9	R2032121	BIG DATA ANALYTICS	22	C	3
20B81A12A9	R2032122	BIG DATA ANALYTICS LAB	12	A+	1.5
20B81A12A9	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12A9	R2032125	EMPLOYABILITY SKILLS-II	10	COMPLE	0
20B81A12A9	R203212A	MEAN STACK DEVELOPMENT	21	C	3
20B81A12B0	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	16	F	0
20B81A12B0	R2032051	MACHINE LEARNING	12	F	0
20B81A12B0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	15	F	0
20B81A12B0	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
20B81A12B0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	10	B	1.5
20B81A12B0	R2032121	BIG DATA ANALYTICS	13	F	0
20B81A12B0	R2032122	BIG DATA ANALYTICS LAB	11	B	1.5
20B81A12B0	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12B0	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
20B81A12B0	R203212A	MEAN STACK DEVELOPMENT	15	F	0
20B81A12B1	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	19	F	0
20B81A12B1	R2032051	MACHINE LEARNING	18	F	0
20B81A12B1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	21	F	0
20B81A12B1	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12B1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	11	A	1.5
20B81A12B1	R2032121	BIG DATA ANALYTICS	21	F	0
20B81A12B1	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A12B1	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12B1	R2032125	EMPLOYABILITY SKILLS-II	27	COMPLE	0
20B81A12B1	R203212A	MEAN STACK DEVELOPMENT	18	F	0
20B81A12B2	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	29	C	3
20B81A12B2	R2032051	MACHINE LEARNING	26	C	3
20B81A12B2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20B81A12B2	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12B2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A12B2	R2032121	BIG DATA ANALYTICS	27	B	3
20B81A12B2	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A12B2	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12B2	R2032125	EMPLOYABILITY SKILLS-II	10	NOT CO	0
20B81A12B2	R203212A	MEAN STACK DEVELOPMENT	27	D	3
20B81A12B3	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	D	3
20B81A12B3	R2032051	MACHINE LEARNING	25	B	3
20B81A12B3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	A	3
20B81A12B3	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A12B3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12B3	R2032121	BIG DATA ANALYTICS	27	B	3
20B81A12B3	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A12B3	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12B3	R2032125	EMPLOYABILITY SKILLS-II	12	COMPLE	0
20B81A12B3	R203212A	MEAN STACK DEVELOPMENT	27	D	3
20B81A12B4	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	18	E	3
20B81A12B4	R2032051	MACHINE LEARNING	22	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A12B4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	E	3
20B81A12B4	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20B81A12B4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20B81A12B4	R2032121	BIG DATA ANALYTICS	27	C	3
20B81A12B4	R2032122	BIG DATA ANALYTICS LAB	12	A+	1.5
20B81A12B4	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12B4	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
20B81A12B4	R203212A	MEAN STACK DEVELOPMENT	25	C	3
20B81A12B5	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	F	0
20B81A12B5	R2032051	MACHINE LEARNING	30	C	3
20B81A12B5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A12B5	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12B5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A12B5	R2032121	BIG DATA ANALYTICS	28	C	3
20B81A12B5	R2032122	BIG DATA ANALYTICS LAB	12	A+	1.5
20B81A12B5	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12B5	R2032125	EMPLOYABILITY SKILLS-II	20	COMPLE	0
20B81A12B5	R203212A	MEAN STACK DEVELOPMENT	24	A	3
20B81A12B6	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
20B81A12B6	R2032051	MACHINE LEARNING	29	C	3
20B81A12B6	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A12B6	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12B6	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A12B6	R2032121	BIG DATA ANALYTICS	28	C	3
20B81A12B6	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A12B6	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12B6	R2032125	EMPLOYABILITY SKILLS-II	21	COMPLE	0
20B81A12B6	R203212A	MEAN STACK DEVELOPMENT	29	C	3
20B81A12B7	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	F	0
20B81A12B7	R2032051	MACHINE LEARNING	26	C	3
20B81A12B7	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	C	3
20B81A12B7	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12B7	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A12B7	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A12B7	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A12B7	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
20B81A12B7	R2032125	EMPLOYABILITY SKILLS-II	26	COMPLE	0
20B81A12B7	R203212A	MEAN STACK DEVELOPMENT	24	D	3
20B81A12B8	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
20B81A12B8	R2032051	MACHINE LEARNING	28	C	3
20B81A12B8	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20B81A12B8	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12B8	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A12B8	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A12B8	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A12B8	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12B8	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A12B8	R203212A	MEAN STACK DEVELOPMENT	27	A	3
20B81A12B9	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	F	0
20B81A12B9	R2032051	MACHINE LEARNING	26	F	0
20B81A12B9	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A12B9	R2032054	MACHINE LEARNING USING PYTHON LAB	11	A	1.5
20B81A12B9	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12B9	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A12B9	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A12B9	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12B9	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
20B81A12B9	R203212A	MEAN STACK DEVELOPMENT	22	E	3
20B81A12C0	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	E	3
20B81A12C0	R2032051	MACHINE LEARNING	24	E	3
20B81A12C0	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A12C0	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12C0	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12C0	R2032121	BIG DATA ANALYTICS	24	D	3
20B81A12C0	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
20B81A12C0	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12C0	R2032125	EMPLOYABILITY SKILLS-II	5	NOT CO	0
20B81A12C0	R203212A	MEAN STACK DEVELOPMENT	25	C	3
20B81A12C1	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	E	3
20B81A12C1	R2032051	MACHINE LEARNING	25	C	3
20B81A12C1	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	D	3
20B81A12C1	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A12C1	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20B81A12C1	R2032121	BIG DATA ANALYTICS	26	C	3
20B81A12C1	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
20B81A12C1	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12C1	R2032125	EMPLOYABILITY SKILLS-II	7	COMPLE	0
20B81A12C1	R203212A	MEAN STACK DEVELOPMENT	27	D	3
20B81A12C2	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	D	3
20B81A12C2	R2032051	MACHINE LEARNING	26	A	3
20B81A12C2	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20B81A12C2	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20B81A12C2	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A12C2	R2032121	BIG DATA ANALYTICS	29	A+	3
20B81A12C2	R2032122	BIG DATA ANALYTICS LAB	13	A	1.5
20B81A12C2	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12C2	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
20B81A12C2	R203212A	MEAN STACK DEVELOPMENT	28	D	3
20B81A12C3	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	F	0
20B81A12C3	R2032051	MACHINE LEARNING	29	D	3
20B81A12C3	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
20B81A12C3	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A12C3	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A12C3	R2032121	BIG DATA ANALYTICS	24	E	3
20B81A12C3	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
20B81A12C3	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12C3	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
20B81A12C3	R203212A	MEAN STACK DEVELOPMENT	26	C	3
20B81A12C4	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	C	3
20B81A12C4	R2032051	MACHINE LEARNING	30	C	3
20B81A12C4	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20B81A12C4	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
20B81A12C4	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20B81A12C4	R2032121	BIG DATA ANALYTICS	28	B	3
20B81A12C4	R2032122	BIG DATA ANALYTICS LAB	12	A+	1.5
20B81A12C4	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12C4	R2032125	EMPLOYABILITY SKILLS-II	19	COMPLE	0
20B81A12C4	R203212A	MEAN STACK DEVELOPMENT	29	D	3
20B81A12C5	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	26	D	3
20B81A12C5	R2032051	MACHINE LEARNING	27	B	3
20B81A12C5	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	B	3
20B81A12C5	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20B81A12C5	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
20B81A12C5	R2032121	BIG DATA ANALYTICS	28	C	3
20B81A12C5	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
20B81A12C5	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
20B81A12C5	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
20B81A12C5	R203212A	MEAN STACK DEVELOPMENT	29	D	3
20B85A0106	R1932013	GEOTECHNICAL ENGINEERING-I	18	C	3
20B85A0109	R1932013	GEOTECHNICAL ENGINEERING-I	16	D	3
20B85A0201	R1932022	POWER SYSTEM ANALYSIS	15	F	0
20B85A0201	R1932023	DATA STRUCTURES	20	D	3
20B85A0208	R1932024	DIGITAL CONTROL SYSTEMS	20	C	3
20B85A0208	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	20	F	0
20B85A0212	R1932022	POWER SYSTEM ANALYSIS	14	F	0
20B85A0212	R1932023	DATA STRUCTURES	19	F	0
20B85A0212	R1932024	DIGITAL CONTROL SYSTEMS	17	F	0
20B85A0212	R193202D	INTERNET OF THINGS APPLICATIONS TO ELECT	16	ABSENT	0
20B85A0212	R193212E	C++ PROGRAMMING (EXCEPT CSE AND IT)	17	F	0
20B85A0213	R1932023	DATA STRUCTURES	22	C	3
20B85A0224	R1932022	POWER SYSTEM ANALYSIS	19	D	3
20B85A0228	R1932022	POWER SYSTEM ANALYSIS	19	F	0
20B85A0228	R1932023	DATA STRUCTURES	17	ABSENT	0
20B85A0228	R1932024	DIGITAL CONTROL SYSTEMS	16	ABSENT	0
20B85A0233	R1932022	POWER SYSTEM ANALYSIS	15	ABSENT	0
20B85A0233	R1932023	DATA STRUCTURES	16	ABSENT	0
20B85A0233	R1932024	DIGITAL CONTROL SYSTEMS	15	ABSENT	0
20B85A0234	R1932022	POWER SYSTEM ANALYSIS	18	F	0
20B85A0234	R1932023	DATA STRUCTURES	17	D	3
20B85A0234	R1932024	DIGITAL CONTROL SYSTEMS	15	D	3
20B85A0266	R1932023	DATA STRUCTURES	23	C	3
20B85A0267	R1932023	DATA STRUCTURES	21	D	3
20B85A0303	R1932032	HEAT TRANSFER	14	C	3
20B85A0306	R1932032	HEAT TRANSFER	14	D	3
20B85A0308	R1932032	HEAT TRANSFER	15	B	3
20B85A0313	R1932031	OPERATIONS RESEARCH	16	ABSENT	0
20B85A0313	R1932032	HEAT TRANSFER	15	ABSENT	0
20B85A0313	R1932033	CAD/CAM	18	ABSENT	0
20B85A0324	R1932032	HEAT TRANSFER	17	C	3
20B85A0328	R1932032	HEAT TRANSFER	18	A	3
20B85A0335	R1932037	SUMMER INTERNSHIP*	0	O	1
20B85A0336	R1932032	HEAT TRANSFER	16	C	3
20B85A0340	R1932032	HEAT TRANSFER	12	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20B85A0346	R1932032	HEAT TRANSFER	18	B	3
20B85A0408	R1932042	VLSI DESIGN	18	D	3
20B85A0408	R1932043	DIGITAL SIGNAL PROCESSING	16	F	0
20B85A0411	R1932041	WIRED AND WIRELESS TRANSMISSION DEVICES	15	D	3
20B85A0411	R1932043	DIGITAL SIGNAL PROCESSING	18	D	3
20B85A0411	R1932044	INTERNET OF THINGS	20	C	3
20B85A0412	R1932043	DIGITAL SIGNAL PROCESSING	12	D	3
20B85A0414	R1932043	DIGITAL SIGNAL PROCESSING	12	F	0
20B85A0507	R193204J	PRINCIPLES OF COMMUNICATION (EXCEPT ECE)	14	F	0
20B85A1204	R193202G	RENEWABLE ENERGY SOURCES (EXCEPT EEE)	15	C	3
20HK1A0101	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	C	3
20HK1A0101	R2032012	WATER RESOURCE ENGINEERING	22	B	3
20HK1A0101	R2032013	GEOTECHNICAL ENGINEERING-II	23	C	3
20HK1A0101	R2032014	ESTIMATION COSTING AND CONTRACTS	14	A+	1.5
20HK1A0101	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
20HK1A0101	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
20HK1A0101	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20HK1A0101	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	17	COMPLE	0
20HK1A0101	R203201C	ROAD SAFETY ENGINEERING	25	C	3
20HK1A0101	R203201G	DISASTER MANAGEMENT	24	E	3
20HK1A0102	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	D	3
20HK1A0102	R2032012	WATER RESOURCE ENGINEERING	13	F	0
20HK1A0102	R2032013	GEOTECHNICAL ENGINEERING-II	17	E	3
20HK1A0102	R2032014	ESTIMATION COSTING AND CONTRACTS	10	A	1.5
20HK1A0102	R2032015	REMOTE SENSING & GIS LAB	11	A	1.5
20HK1A0102	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
20HK1A0102	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20HK1A0102	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
20HK1A0102	R203201C	ROAD SAFETY ENGINEERING	19	D	3
20HK1A0102	R203201G	DISASTER MANAGEMENT	20	D	3
20HK1A0103	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	C	3
20HK1A0103	R2032012	WATER RESOURCE ENGINEERING	22	B	3
20HK1A0103	R2032013	GEOTECHNICAL ENGINEERING-II	25	D	3
20HK1A0103	R2032014	ESTIMATION COSTING AND CONTRACTS	12	A	1.5
20HK1A0103	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
20HK1A0103	R2032016	CIVIL ENGINEERING PRACTICE	15	A+	1.5
20HK1A0103	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
20HK1A0103	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	22	COMPLE	0
20HK1A0103	R203201C	ROAD SAFETY ENGINEERING	26	C	3
20HK1A0103	R203201G	DISASTER MANAGEMENT	24	A	3
20HK1A0405	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	5	F	0
20HK1A0405	R2032042	VLSI DESIGN	15	E	3
20HK1A0405	R2032043	DIGITAL SIGNAL PROCESSING	11	F	0
20HK1A0405	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	4	F	0
20HK1A0405	R2032045	VLSI DESIGN LAB	6	D	1.5
20HK1A0405	R2032046	DIGITAL SIGNAL PROCESSING LAB	4	D	1.5
20HK1A0405	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20HK1A0405	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0
20HK1A0405	R203204C	EMBEDDED SYSTEMS	14	E	3
20HK1A0405	R203205F	PYTHON PROGRAMMING	14	F	0
20HK1A0406	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	5	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
20HK1A0406	R2032042	VLSI DESIGN	15	F	0
20HK1A0406	R2032043	DIGITAL SIGNAL PROCESSING	10	F	0
20HK1A0406	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	4	F	0
20HK1A0406	R2032045	VLSI DESIGN LAB	6	D	1.5
20HK1A0406	R2032046	DIGITAL SIGNAL PROCESSING LAB	3	F	0
20HK1A0406	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20HK1A0406	R2032048	RESEARCH METHODOLOGY	12	COMPLE	0
20HK1A0406	R203204C	EMBEDDED SYSTEMS	7	F	0
20HK1A0406	R203205F	PYTHON PROGRAMMING	7	F	0
20HK1A0409	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	6	F	0
20HK1A0409	R2032042	VLSI DESIGN	15	F	0
20HK1A0409	R2032043	DIGITAL SIGNAL PROCESSING	4	F	0
20HK1A0409	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	4	F	0
20HK1A0409	R2032045	VLSI DESIGN LAB	6	D	1.5
20HK1A0409	R2032046	DIGITAL SIGNAL PROCESSING LAB	2	AB	0
20HK1A0409	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20HK1A0409	R2032048	RESEARCH METHODOLOGY	12	COMPLE	0
20HK1A0409	R203204C	EMBEDDED SYSTEMS	8	F	0
20HK1A0409	R203205F	PYTHON PROGRAMMING	10	F	0
20HK1A0503	R2032051	MACHINE LEARNING	29	C	3
20HK1A0503	R2032052	COMPILER DESIGN	22	C	3
20HK1A0503	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
20HK1A0503	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
20HK1A0503	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20HK1A0503	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
20HK1A0503	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20HK1A0503	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0503	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
20HK1A0503	R203205E	MEAN STACK DEVELOPMENT	26	A	3
20HK1A0504	R2032051	MACHINE LEARNING	30	B	3
20HK1A0504	R2032052	COMPILER DESIGN	26	C	3
20HK1A0504	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
20HK1A0504	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20HK1A0504	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20HK1A0504	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20HK1A0504	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20HK1A0504	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
20HK1A0504	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20HK1A0504	R203205E	MEAN STACK DEVELOPMENT	28	B	3
20HK1A0505	R2032051	MACHINE LEARNING	29	C	3
20HK1A0505	R2032052	COMPILER DESIGN	28	B	3
20HK1A0505	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20HK1A0505	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20HK1A0505	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20HK1A0505	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20HK1A0505	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20HK1A0505	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0505	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20HK1A0505	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20HK1A0510	R2032051	MACHINE LEARNING	27	D	3
20HK1A0510	R2032052	COMPILER DESIGN	28	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
20HK1A0510	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20HK1A0510	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20HK1A0510	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20HK1A0510	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20HK1A0510	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20HK1A0510	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0510	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20HK1A0510	R203205E	MEAN STACK DEVELOPMENT	29	D	3
20HK1A0512	R2032051	MACHINE LEARNING	27	B	3
20HK1A0512	R2032052	COMPILER DESIGN	27	C	3
20HK1A0512	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20HK1A0512	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20HK1A0512	R2032055	COMPILER DESIGN LAB	13	A+	1.5
20HK1A0512	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20HK1A0512	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20HK1A0512	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0512	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	C	3
20HK1A0512	R203205E	MEAN STACK DEVELOPMENT	29	B	3
20HK1A0517	R2032051	MACHINE LEARNING	27	C	3
20HK1A0517	R2032052	COMPILER DESIGN	27	C	3
20HK1A0517	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20HK1A0517	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
20HK1A0517	R2032055	COMPILER DESIGN LAB	12	A+	1.5
20HK1A0517	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20HK1A0517	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20HK1A0517	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0517	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
20HK1A0517	R203205E	MEAN STACK DEVELOPMENT	29	C	3
20HK1A0525	R2032051	MACHINE LEARNING	29	C	3
20HK1A0525	R2032052	COMPILER DESIGN	26	C	3
20HK1A0525	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
20HK1A0525	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20HK1A0525	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20HK1A0525	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20HK1A0525	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20HK1A0525	R2032059	EMPLOYABILITY SKILLS-II	27	COMPLE	0
20HK1A0525	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20HK1A0525	R203205E	MEAN STACK DEVELOPMENT	26	D	3
20HK1A0529	R2032051	MACHINE LEARNING	29	D	3
20HK1A0529	R2032052	COMPILER DESIGN	26	D	3
20HK1A0529	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	D	3
20HK1A0529	R2032054	MACHINE LEARNING USING PYTHON LAB	9	A	1.5
20HK1A0529	R2032055	COMPILER DESIGN LAB	14	A+	1.5
20HK1A0529	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
20HK1A0529	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20HK1A0529	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0529	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20HK1A0529	R203205E	MEAN STACK DEVELOPMENT	24	E	3
20HK1A0533	R2032051	MACHINE LEARNING	23	E	3
20HK1A0533	R2032052	COMPILER DESIGN	16	E	3
20HK1A0533	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
20HK1A0533	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
20HK1A0533	R2032055	COMPILER DESIGN LAB	12	A	1.5
20HK1A0533	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
20HK1A0533	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
20HK1A0533	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0533	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	F	0
20HK1A0533	R203205E	MEAN STACK DEVELOPMENT	22	E	3
20HK1A0534	R2032051	MACHINE LEARNING	30	B	3
20HK1A0534	R2032052	COMPILER DESIGN	30	B	3
20HK1A0534	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
20HK1A0534	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
20HK1A0534	R2032055	COMPILER DESIGN LAB	15	A+	1.5
20HK1A0534	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
20HK1A0534	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
20HK1A0534	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
20HK1A0534	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
20HK1A0534	R203205E	MEAN STACK DEVELOPMENT	27	C	3
20HK5A0305	R1932032	HEAT TRANSFER	12	D	3
20HK5A0309	R1932032	HEAT TRANSFER	11	D	3
20ME1A0402	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	7	F	0
20ME1A0402	R2032042	VLSI DESIGN	14	F	0
20ME1A0402	R2032043	DIGITAL SIGNAL PROCESSING	7	F	0
20ME1A0402	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	4	F	0
20ME1A0402	R2032045	VLSI DESIGN LAB	6	D	1.5
20ME1A0402	R2032046	DIGITAL SIGNAL PROCESSING LAB	2	AB	0
20ME1A0402	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
20ME1A0402	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
20ME1A0402	R203204C	EMBEDDED SYSTEMS	5	F	0
20ME1A0402	R203205F	PYTHON PROGRAMMING	6	F	0
21B85A0101	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	A	3
21B85A0101	R2032012	WATER RESOURCE ENGINEERING	21	D	3
21B85A0101	R2032013	GEOTECHNICAL ENGINEERING-II	25	B	3
21B85A0101	R2032014	ESTIMATION COSTING AND CONTRACTS	13	A+	1.5
21B85A0101	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0101	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
21B85A0101	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0101	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	22	COMPLE	0
21B85A0101	R203201C	ROAD SAFETY ENGINEERING	26	C	3
21B85A0101	R203201G	DISASTER MANAGEMENT	23	D	3
21B85A0102	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	B	3
21B85A0102	R2032012	WATER RESOURCE ENGINEERING	23	A	3
21B85A0102	R2032013	GEOTECHNICAL ENGINEERING-II	25	C	3
21B85A0102	R2032014	ESTIMATION COSTING AND CONTRACTS	15	A+	1.5
21B85A0102	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0102	R2032016	CIVIL ENGINEERING PRACTICE	15	A+	1.5
21B85A0102	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0102	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	21	COMPLE	0
21B85A0102	R203201C	ROAD SAFETY ENGINEERING	25	B	3
21B85A0102	R203201G	DISASTER MANAGEMENT	26	C	3
21B85A0103	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	D	3
21B85A0103	R2032012	WATER RESOURCE ENGINEERING	18	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0103	R2032013	GEOTECHNICAL ENGINEERING-II	19	D	3
21B85A0103	R2032014	ESTIMATION COSTING AND CONTRACTS	9	A	1.5
21B85A0103	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
21B85A0103	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
21B85A0103	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0103	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	23	COMPLE	0
21B85A0103	R203201C	ROAD SAFETY ENGINEERING	22	B	3
21B85A0103	R203201G	DISASTER MANAGEMENT	26	D	3
21B85A0104	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	D	3
21B85A0104	R2032012	WATER RESOURCE ENGINEERING	21	D	3
21B85A0104	R2032013	GEOTECHNICAL ENGINEERING-II	23	D	3
21B85A0104	R2032014	ESTIMATION COSTING AND CONTRACTS	10	A	1.5
21B85A0104	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0104	R2032016	CIVIL ENGINEERING PRACTICE	13	A	1.5
21B85A0104	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0104	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	21	COMPLE	0
21B85A0104	R203201C	ROAD SAFETY ENGINEERING	26	D	3
21B85A0104	R203201G	DISASTER MANAGEMENT	21	B	3
21B85A0105	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	B	3
21B85A0105	R2032012	WATER RESOURCE ENGINEERING	20	D	3
21B85A0105	R2032013	GEOTECHNICAL ENGINEERING-II	24	C	3
21B85A0105	R2032014	ESTIMATION COSTING AND CONTRACTS	10	A	1.5
21B85A0105	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0105	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
21B85A0105	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0105	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	17	COMPLE	0
21B85A0105	R203201C	ROAD SAFETY ENGINEERING	24	C	3
21B85A0105	R203201G	DISASTER MANAGEMENT	23	D	3
21B85A0106	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	18	D	3
21B85A0106	R2032012	WATER RESOURCE ENGINEERING	14	E	3
21B85A0106	R2032013	GEOTECHNICAL ENGINEERING-II	16	F	0
21B85A0106	R2032014	ESTIMATION COSTING AND CONTRACTS	10	B	1.5
21B85A0106	R2032015	REMOTE SENSING & GIS LAB	11	B	1.5
21B85A0106	R2032016	CIVIL ENGINEERING PRACTICE	12	A	1.5
21B85A0106	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0106	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
21B85A0106	R203201C	ROAD SAFETY ENGINEERING	21	D	3
21B85A0106	R203201G	DISASTER MANAGEMENT	18	F	0
21B85A0107	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	C	3
21B85A0107	R2032012	WATER RESOURCE ENGINEERING	17	F	0
21B85A0107	R2032013	GEOTECHNICAL ENGINEERING-II	20	C	3
21B85A0107	R2032014	ESTIMATION COSTING AND CONTRACTS	14	A	1.5
21B85A0107	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0107	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
21B85A0107	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0107	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	17	COMPLE	0
21B85A0107	R203201C	ROAD SAFETY ENGINEERING	22	C	3
21B85A0107	R203201G	DISASTER MANAGEMENT	24	D	3
21B85A0108	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	B	3
21B85A0108	R2032012	WATER RESOURCE ENGINEERING	20	C	3
21B85A0108	R2032013	GEOTECHNICAL ENGINEERING-II	26	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0108	R2032014	ESTIMATION COSTING AND CONTRACTS	14	A	1.5
21B85A0108	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
21B85A0108	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
21B85A0108	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0108	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
21B85A0108	R203201C	ROAD SAFETY ENGINEERING	25	B	3
21B85A0108	R203201G	DISASTER MANAGEMENT	26	A	3
21B85A0109	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	E	3
21B85A0109	R2032012	WATER RESOURCE ENGINEERING	15	E	3
21B85A0109	R2032013	GEOTECHNICAL ENGINEERING-II	19	E	3
21B85A0109	R2032014	ESTIMATION COSTING AND CONTRACTS	8	B	1.5
21B85A0109	R2032015	REMOTE SENSING & GIS LAB	11	A	1.5
21B85A0109	R2032016	CIVIL ENGINEERING PRACTICE	14	B	1.5
21B85A0109	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0109	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	17	COMPLE	0
21B85A0109	R203201C	ROAD SAFETY ENGINEERING	20	D	3
21B85A0109	R203201G	DISASTER MANAGEMENT	20	F	0
21B85A0110	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	D	3
21B85A0110	R2032012	WATER RESOURCE ENGINEERING	16	E	3
21B85A0110	R2032013	GEOTECHNICAL ENGINEERING-II	23	E	3
21B85A0110	R2032014	ESTIMATION COSTING AND CONTRACTS	8	B	1.5
21B85A0110	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0110	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
21B85A0110	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0110	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	16	COMPLE	0
21B85A0110	R203201C	ROAD SAFETY ENGINEERING	22	D	3
21B85A0110	R203201G	DISASTER MANAGEMENT	21	F	0
21B85A0111	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	C	3
21B85A0111	R2032012	WATER RESOURCE ENGINEERING	21	D	3
21B85A0111	R2032013	GEOTECHNICAL ENGINEERING-II	25	C	3
21B85A0111	R2032014	ESTIMATION COSTING AND CONTRACTS	13	A	1.5
21B85A0111	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
21B85A0111	R2032016	CIVIL ENGINEERING PRACTICE	15	A+	1.5
21B85A0111	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0111	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
21B85A0111	R203201C	ROAD SAFETY ENGINEERING	24	D	3
21B85A0111	R203201G	DISASTER MANAGEMENT	26	D	3
21B85A0112	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	30	A	3
21B85A0112	R2032012	WATER RESOURCE ENGINEERING	22	C	3
21B85A0112	R2032013	GEOTECHNICAL ENGINEERING-II	25	B	3
21B85A0112	R2032014	ESTIMATION COSTING AND CONTRACTS	15	A+	1.5
21B85A0112	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0112	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
21B85A0112	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0112	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	23	COMPLE	0
21B85A0112	R203201C	ROAD SAFETY ENGINEERING	26	A	3
21B85A0112	R203201G	DISASTER MANAGEMENT	26	A+	3
21B85A0113	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	B	3
21B85A0113	R2032012	WATER RESOURCE ENGINEERING	22	D	3
21B85A0113	R2032013	GEOTECHNICAL ENGINEERING-II	25	A	3
21B85A0113	R2032014	ESTIMATION COSTING AND CONTRACTS	15	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0113	R2032015	REMOTE SENSING & GIS LAB	14	A+	1.5
21B85A0113	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
21B85A0113	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0113	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	20	COMPLE	0
21B85A0113	R203201C	ROAD SAFETY ENGINEERING	26	B	3
21B85A0113	R203201G	DISASTER MANAGEMENT	25	D	3
21B85A0114	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	F	0
21B85A0114	R2032012	WATER RESOURCE ENGINEERING	15	E	3
21B85A0114	R2032013	GEOTECHNICAL ENGINEERING-II	15	F	0
21B85A0114	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5
21B85A0114	R2032015	REMOTE SENSING & GIS LAB	11	B	1.5
21B85A0114	R2032016	CIVIL ENGINEERING PRACTICE	7	B	1.5
21B85A0114	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0114	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	13	COMPLE	0
21B85A0114	R203201C	ROAD SAFETY ENGINEERING	19	E	3
21B85A0114	R203201G	DISASTER MANAGEMENT	17	F	0
21B85A0115	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	D	3
21B85A0115	R2032012	WATER RESOURCE ENGINEERING	20	F	0
21B85A0115	R2032013	GEOTECHNICAL ENGINEERING-II	18	E	3
21B85A0115	R2032014	ESTIMATION COSTING AND CONTRACTS	13	A	1.5
21B85A0115	R2032015	REMOTE SENSING & GIS LAB	11	B	1.5
21B85A0115	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
21B85A0115	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0115	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	15	COMPLE	0
21B85A0115	R203201C	ROAD SAFETY ENGINEERING	17	D	3
21B85A0115	R203201G	DISASTER MANAGEMENT	24	D	3
21B85A0116	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	E	3
21B85A0116	R2032012	WATER RESOURCE ENGINEERING	17	E	3
21B85A0116	R2032013	GEOTECHNICAL ENGINEERING-II	22	F	0
21B85A0116	R2032014	ESTIMATION COSTING AND CONTRACTS	15	A+	1.5
21B85A0116	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
21B85A0116	R2032016	CIVIL ENGINEERING PRACTICE	15	A+	1.5
21B85A0116	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0116	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	21	COMPLE	0
21B85A0116	R203201C	ROAD SAFETY ENGINEERING	23	C	3
21B85A0116	R203201G	DISASTER MANAGEMENT	25	C	3
21B85A0117	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	E	3
21B85A0117	R2032012	WATER RESOURCE ENGINEERING	16	E	3
21B85A0117	R2032013	GEOTECHNICAL ENGINEERING-II	16	D	3
21B85A0117	R2032014	ESTIMATION COSTING AND CONTRACTS	8	B	1.5
21B85A0117	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
21B85A0117	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
21B85A0117	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0117	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	15	COMPLE	0
21B85A0117	R203201C	ROAD SAFETY ENGINEERING	21	D	3
21B85A0117	R203201G	DISASTER MANAGEMENT	22	D	3
21B85A0118	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	C	3
21B85A0118	R2032012	WATER RESOURCE ENGINEERING	25	A	3
21B85A0118	R2032013	GEOTECHNICAL ENGINEERING-II	26	D	3
21B85A0118	R2032014	ESTIMATION COSTING AND CONTRACTS	11	A	1.5
21B85A0118	R2032015	REMOTE SENSING & GIS LAB	13	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0118	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
21B85A0118	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0118	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	22	COMPLE	0
21B85A0118	R203201C	ROAD SAFETY ENGINEERING	25	C	3
21B85A0118	R203201G	DISASTER MANAGEMENT	25	D	3
21B85A0119	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	C	3
21B85A0119	R2032012	WATER RESOURCE ENGINEERING	18	D	3
21B85A0119	R2032013	GEOTECHNICAL ENGINEERING-II	25	C	3
21B85A0119	R2032014	ESTIMATION COSTING AND CONTRACTS	9	B	1.5
21B85A0119	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
21B85A0119	R2032016	CIVIL ENGINEERING PRACTICE	14	A+	1.5
21B85A0119	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0119	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	16	COMPLE	0
21B85A0119	R203201C	ROAD SAFETY ENGINEERING	19	D	3
21B85A0119	R203201G	DISASTER MANAGEMENT	21	D	3
21B85A0120	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	D	3
21B85A0120	R2032012	WATER RESOURCE ENGINEERING	21	D	3
21B85A0120	R2032013	GEOTECHNICAL ENGINEERING-II	19	E	3
21B85A0120	R2032014	ESTIMATION COSTING AND CONTRACTS	10	B	1.5
21B85A0120	R2032015	REMOTE SENSING & GIS LAB	11	B	1.5
21B85A0120	R2032016	CIVIL ENGINEERING PRACTICE	7	B	1.5
21B85A0120	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	D	2
21B85A0120	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	14	COMPLE	0
21B85A0120	R203201C	ROAD SAFETY ENGINEERING	19	D	3
21B85A0120	R203201G	DISASTER MANAGEMENT	24	B	3
21B85A0121	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	B	3
21B85A0121	R2032012	WATER RESOURCE ENGINEERING	17	E	3
21B85A0121	R2032013	GEOTECHNICAL ENGINEERING-II	16	E	3
21B85A0121	R2032014	ESTIMATION COSTING AND CONTRACTS	8	B	1.5
21B85A0121	R2032015	REMOTE SENSING & GIS LAB	13	A	1.5
21B85A0121	R2032016	CIVIL ENGINEERING PRACTICE	15	A	1.5
21B85A0121	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0121	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	15	COMPLE	0
21B85A0121	R203201C	ROAD SAFETY ENGINEERING	25	D	3
21B85A0121	R203201G	DISASTER MANAGEMENT	21	F	0
21B85A0122	R2032011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	E	3
21B85A0122	R2032012	WATER RESOURCE ENGINEERING	15	B	3
21B85A0122	R2032013	GEOTECHNICAL ENGINEERING-II	20	B	3
21B85A0122	R2032014	ESTIMATION COSTING AND CONTRACTS	11	B	1.5
21B85A0122	R2032015	REMOTE SENSING & GIS LAB	12	A	1.5
21B85A0122	R2032016	CIVIL ENGINEERING PRACTICE	14	A	1.5
21B85A0122	R2032017	SKILL ADVANCED COURSE/ SOFT SKILL COURSE	0	C	2
21B85A0122	R2032018	MANDATORY COURSE (AICTE) (EMPLOYABILITY	18	COMPLE	0
21B85A0122	R203201C	ROAD SAFETY ENGINEERING	22	C	3
21B85A0122	R203201G	DISASTER MANAGEMENT	23	E	3
21B85A0201	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	D	3
21B85A0201	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	B	3
21B85A0201	R2032023	POWER SYSTEM ANALYSIS	22	D	3
21B85A0201	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
21B85A0201	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0201	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0201	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0201	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0201	R203202D	SWITCHGEAR AND PROTECTION	24	C	3
21B85A0201	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	C	3
21B85A0202	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	E	3
21B85A0202	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
21B85A0202	R2032023	POWER SYSTEM ANALYSIS	20	C	3
21B85A0202	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
21B85A0202	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
21B85A0202	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0202	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0202	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0202	R203202D	SWITCHGEAR AND PROTECTION	24	F	0
21B85A0202	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	C	3
21B85A0203	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	19	E	3
21B85A0203	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	D	3
21B85A0203	R2032023	POWER SYSTEM ANALYSIS	21	D	3
21B85A0203	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
21B85A0203	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0203	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0203	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0203	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0203	R203202D	SWITCHGEAR AND PROTECTION	24	E	3
21B85A0203	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	E	3
21B85A0204	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	F	0
21B85A0204	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	F	0
21B85A0204	R2032023	POWER SYSTEM ANALYSIS	21	E	3
21B85A0204	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0204	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
21B85A0204	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
21B85A0204	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0204	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0204	R203202D	SWITCHGEAR AND PROTECTION	28	F	0
21B85A0204	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	D	3
21B85A0205	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	26	F	0
21B85A0205	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	D	3
21B85A0205	R2032023	POWER SYSTEM ANALYSIS	28	C	3
21B85A0205	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
21B85A0205	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
21B85A0205	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
21B85A0205	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0205	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0205	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
21B85A0205	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
21B85A0206	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	F	0
21B85A0206	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	B	3
21B85A0206	R2032023	POWER SYSTEM ANALYSIS	26	C	3
21B85A0206	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0206	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	A+	1.5
21B85A0206	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0206	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0206	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0206	R203202D	SWITCHGEAR AND PROTECTION	25	B	3
21B85A0206	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	D	3
21B85A0207	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
21B85A0207	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	A+	3
21B85A0207	R2032023	POWER SYSTEM ANALYSIS	29	B	3
21B85A0207	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0207	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
21B85A0207	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0207	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0207	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0207	R203202D	SWITCHGEAR AND PROTECTION	29	B	3
21B85A0207	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	C	3
21B85A0208	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	E	3
21B85A0208	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	C	3
21B85A0208	R2032023	POWER SYSTEM ANALYSIS	22	C	3
21B85A0208	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
21B85A0208	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A+	1.5
21B85A0208	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0208	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0208	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0208	R203202D	SWITCHGEAR AND PROTECTION	24	D	3
21B85A0208	R203204G	PRINCIPLES OF SIGNAL PROCESSING	21	E	3
21B85A0209	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	E	3
21B85A0209	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	C	3
21B85A0209	R2032023	POWER SYSTEM ANALYSIS	26	C	3
21B85A0209	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
21B85A0209	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
21B85A0209	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0209	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0209	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0209	R203202D	SWITCHGEAR AND PROTECTION	27	D	3
21B85A0209	R203204G	PRINCIPLES OF SIGNAL PROCESSING	27	D	3
21B85A0210	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
21B85A0210	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	C	3
21B85A0210	R2032023	POWER SYSTEM ANALYSIS	28	C	3
21B85A0210	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0210	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
21B85A0210	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
21B85A0210	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0210	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0210	R203202D	SWITCHGEAR AND PROTECTION	29	C	3
21B85A0210	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	D	3
21B85A0211	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	E	3
21B85A0211	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	C	3
21B85A0211	R2032023	POWER SYSTEM ANALYSIS	28	C	3
21B85A0211	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0211	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	A+	1.5
21B85A0211	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0211	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0211	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0211	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
21B85A0211	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
21B85A0212	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	E	3
21B85A0212	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	B	3
21B85A0212	R2032023	POWER SYSTEM ANALYSIS	27	B	3
21B85A0212	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0212	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	A+	1.5
21B85A0212	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0212	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0212	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0212	R203202D	SWITCHGEAR AND PROTECTION	27	D	3
21B85A0212	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	C	3
21B85A0213	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	F	0
21B85A0213	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	B	3
21B85A0213	R2032023	POWER SYSTEM ANALYSIS	23	D	3
21B85A0213	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0213	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
21B85A0213	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0213	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0213	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0213	R203202D	SWITCHGEAR AND PROTECTION	26	B	3
21B85A0213	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	D	3
21B85A0214	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	E	3
21B85A0214	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	C	3
21B85A0214	R2032023	POWER SYSTEM ANALYSIS	24	D	3
21B85A0214	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
21B85A0214	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0214	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
21B85A0214	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0214	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0214	R203202D	SWITCHGEAR AND PROTECTION	30	F	0
21B85A0214	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	C	3
21B85A0215	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
21B85A0215	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	B	3
21B85A0215	R2032023	POWER SYSTEM ANALYSIS	27	C	3
21B85A0215	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0215	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A+	1.5
21B85A0215	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0215	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0215	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0215	R203202D	SWITCHGEAR AND PROTECTION	27	C	3
21B85A0215	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	C	3
21B85A0216	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	17	E	3
21B85A0216	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	B	3
21B85A0216	R2032023	POWER SYSTEM ANALYSIS	23	B	3
21B85A0216	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	11	A	1.5
21B85A0216	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	B	1.5
21B85A0216	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0216	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0216	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0216	R203202D	SWITCHGEAR AND PROTECTION	27	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0216	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
21B85A0217	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	28	C	3
21B85A0217	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	30	B	3
21B85A0217	R2032023	POWER SYSTEM ANALYSIS	30	B	3
21B85A0217	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
21B85A0217	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
21B85A0217	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0217	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0217	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0217	R203202D	SWITCHGEAR AND PROTECTION	30	B	3
21B85A0217	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	C	3
21B85A0217	R203205Q	OPERATING SYSTEMS (INTEGRATED COURSE)	20	C	3
21B85A0217	R203205QL	OPERATING SYSTEMS LAB (INTEGRATED COURSE	14	A+	1.5
21B85A0218	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
21B85A0218	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	D	3
21B85A0218	R2032023	POWER SYSTEM ANALYSIS	25	D	3
21B85A0218	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0218	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	A	1.5
21B85A0218	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0218	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0218	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0218	R203202D	SWITCHGEAR AND PROTECTION	28	F	0
21B85A0218	R203204G	PRINCIPLES OF SIGNAL PROCESSING	23	F	0
21B85A0219	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	21	F	0
21B85A0219	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	F	0
21B85A0219	R2032023	POWER SYSTEM ANALYSIS	24	F	0
21B85A0219	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
21B85A0219	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0219	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
21B85A0219	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0219	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0219	R203202D	SWITCHGEAR AND PROTECTION	27	F	0
21B85A0219	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	F	0
21B85A0220	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	13	F	0
21B85A0220	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	17	F	0
21B85A0220	R2032023	POWER SYSTEM ANALYSIS	10	F	0
21B85A0220	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
21B85A0220	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	9	B	1.5
21B85A0220	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	A	1.5
21B85A0220	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0220	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0220	R203202D	SWITCHGEAR AND PROTECTION	13	E	3
21B85A0220	R203204G	PRINCIPLES OF SIGNAL PROCESSING	15	E	3
21B85A0221	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	C	3
21B85A0221	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	B	3
21B85A0221	R2032023	POWER SYSTEM ANALYSIS	28	C	3
21B85A0221	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0221	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	A+	1.5
21B85A0221	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0221	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0221	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0221	R203202D	SWITCHGEAR AND PROTECTION	29	C	3
21B85A0221	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
21B85A0222	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
21B85A0222	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	22	C	3
21B85A0222	R2032023	POWER SYSTEM ANALYSIS	17	D	3
21B85A0222	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
21B85A0222	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
21B85A0222	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0222	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0222	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0222	R203202D	SWITCHGEAR AND PROTECTION	23	C	3
21B85A0222	R203204G	PRINCIPLES OF SIGNAL PROCESSING	17	C	3
21B85A0223	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	15	E	3
21B85A0223	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	11	C	3
21B85A0223	R2032023	POWER SYSTEM ANALYSIS	9	E	3
21B85A0223	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
21B85A0223	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
21B85A0223	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A	1.5
21B85A0223	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0223	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0223	R203202D	SWITCHGEAR AND PROTECTION	14	E	3
21B85A0223	R203204G	PRINCIPLES OF SIGNAL PROCESSING	16	D	3
21B85A0224	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	20	F	0
21B85A0224	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	18	F	0
21B85A0224	R2032023	POWER SYSTEM ANALYSIS	21	F	0
21B85A0224	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	8	D	1.5
21B85A0224	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	B	1.5
21B85A0224	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0224	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0224	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0224	R203202D	SWITCHGEAR AND PROTECTION	24	F	0
21B85A0224	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	F	0
21B85A0225	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	30	A	3
21B85A0225	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	30	A	3
21B85A0225	R2032023	POWER SYSTEM ANALYSIS	29	A	3
21B85A0225	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
21B85A0225	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	A+	1.5
21B85A0225	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0225	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0225	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0225	R203202D	SWITCHGEAR AND PROTECTION	30	B	3
21B85A0225	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	B	3
21B85A0225	R203205Q	OPERATING SYSTEMS (INTEGRATED COURSE)	20	C	3
21B85A0225	R203205QL	OPERATING SYSTEMS LAB (INTEGRATED COURSE	15	A+	1.5
21B85A0226	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
21B85A0226	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	27	C	3
21B85A0226	R2032023	POWER SYSTEM ANALYSIS	28	C	3
21B85A0226	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
21B85A0226	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	A+	1.5
21B85A0226	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0226	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0226	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0226	R203202D	SWITCHGEAR AND PROTECTION	28	B	3
21B85A0226	R203204G	PRINCIPLES OF SIGNAL PROCESSING	20	E	3
21B85A0227	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	C	3
21B85A0227	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	A	3
21B85A0227	R2032023	POWER SYSTEM ANALYSIS	24	C	3
21B85A0227	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
21B85A0227	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
21B85A0227	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0227	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0227	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0227	R203202D	SWITCHGEAR AND PROTECTION	30	A	3
21B85A0227	R203204G	PRINCIPLES OF SIGNAL PROCESSING	25	B	3
21B85A0228	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	22	F	0
21B85A0228	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
21B85A0228	R2032023	POWER SYSTEM ANALYSIS	25	D	3
21B85A0228	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
21B85A0228	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
21B85A0228	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
21B85A0228	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0228	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0228	R203202D	SWITCHGEAR AND PROTECTION	21	E	3
21B85A0228	R203204G	PRINCIPLES OF SIGNAL PROCESSING	14	E	3
21B85A0229	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	28	B	3
21B85A0229	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	A	3
21B85A0229	R2032023	POWER SYSTEM ANALYSIS	30	B	3
21B85A0229	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0229	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
21B85A0229	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0229	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0229	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0229	R203202D	SWITCHGEAR AND PROTECTION	30	B	3
21B85A0229	R203204G	PRINCIPLES OF SIGNAL PROCESSING	28	B	3
21B85A0230	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	D	3
21B85A0230	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	B	3
21B85A0230	R2032023	POWER SYSTEM ANALYSIS	22	C	3
21B85A0230	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	15	A+	1.5
21B85A0230	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A	1.5
21B85A0230	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0230	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0230	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0230	R203202D	SWITCHGEAR AND PROTECTION	29	C	3
21B85A0230	R203204G	PRINCIPLES OF SIGNAL PROCESSING	19	C	3
21B85A0231	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	25	D	3
21B85A0231	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	28	F	0
21B85A0231	R2032023	POWER SYSTEM ANALYSIS	29	D	3
21B85A0231	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0231	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
21B85A0231	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
21B85A0231	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0231	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0231	R203202D	SWITCHGEAR AND PROTECTION	30	C	3
21B85A0231	R203204G	PRINCIPLES OF SIGNAL PROCESSING	26	C	3
21B85A0232	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	28	B	3
21B85A0232	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	30	A+	3
21B85A0232	R2032023	POWER SYSTEM ANALYSIS	30	A+	3
21B85A0232	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0232	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	A+	1.5
21B85A0232	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0232	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0232	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0232	R203202D	SWITCHGEAR AND PROTECTION	29	B	3
21B85A0232	R203204G	PRINCIPLES OF SIGNAL PROCESSING	29	A	3
21B85A0233	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	24	C	3
21B85A0233	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	23	A	3
21B85A0233	R2032023	POWER SYSTEM ANALYSIS	25	D	3
21B85A0233	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
21B85A0233	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A+	1.5
21B85A0233	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A	1.5
21B85A0233	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0233	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0233	R203202D	SWITCHGEAR AND PROTECTION	27	B	3
21B85A0233	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	B	3
21B85A0234	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	20	F	0
21B85A0234	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	20	D	3
21B85A0234	R2032023	POWER SYSTEM ANALYSIS	23	D	3
21B85A0234	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
21B85A0234	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0234	R2032026	POWER SYSTEMS AND SIMULATION LAB	12	A	1.5
21B85A0234	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0234	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0234	R203202D	SWITCHGEAR AND PROTECTION	28	F	0
21B85A0234	R203204G	PRINCIPLES OF SIGNAL PROCESSING	13	E	3
21B85A0235	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	D	3
21B85A0235	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	26	A	3
21B85A0235	R2032023	POWER SYSTEM ANALYSIS	27	B	3
21B85A0235	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
21B85A0235	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0235	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
21B85A0235	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A	2
21B85A0235	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0235	R203202D	SWITCHGEAR AND PROTECTION	26	C	3
21B85A0235	R203204G	PRINCIPLES OF SIGNAL PROCESSING	19	C	3
21B85A0236	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	29	B	3
21B85A0236	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	29	A+	3
21B85A0236	R2032023	POWER SYSTEM ANALYSIS	28	A	3
21B85A0236	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	14	A+	1.5
21B85A0236	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	A+	1.5
21B85A0236	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0236	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0236	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0236	R203202D	SWITCHGEAR AND PROTECTION	30	A	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0236	R203204G	PRINCIPLES OF SIGNAL PROCESSING	29	B	3
21B85A0237	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	18	F	0
21B85A0237	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	17	E	3
21B85A0237	R2032023	POWER SYSTEM ANALYSIS	19	E	3
21B85A0237	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	12	A	1.5
21B85A0237	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	A+	1.5
21B85A0237	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
21B85A0237	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0237	R2032028	RESEARCH METHODOLOGY	20	COMPLE	0
21B85A0237	R203202D	SWITCHGEAR AND PROTECTION	19	F	0
21B85A0237	R203204G	PRINCIPLES OF SIGNAL PROCESSING	18	E	3
21B85A0238	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	23	F	0
21B85A0238	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	25	C	3
21B85A0238	R2032023	POWER SYSTEM ANALYSIS	24	C	3
21B85A0238	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A+	1.5
21B85A0238	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0238	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
21B85A0238	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0238	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0238	R203202D	SWITCHGEAR AND PROTECTION	26	D	3
21B85A0238	R203204G	PRINCIPLES OF SIGNAL PROCESSING	22	C	3
21B85A0239	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	20	F	0
21B85A0239	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	24	B	3
21B85A0239	R2032023	POWER SYSTEM ANALYSIS	27	F	0
21B85A0239	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
21B85A0239	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	A	1.5
21B85A0239	R2032026	POWER SYSTEMS AND SIMULATION LAB	13	A+	1.5
21B85A0239	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0239	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0239	R203202D	SWITCHGEAR AND PROTECTION	25	D	3
21B85A0239	R203204G	PRINCIPLES OF SIGNAL PROCESSING	24	D	3
21B85A0240	R2032021	MICROPROCESSORS AND MICROCONTROLLERS	20	F	0
21B85A0240	R2032022	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	19	F	0
21B85A0240	R2032023	POWER SYSTEM ANALYSIS	25	F	0
21B85A0240	R2032024	ELECTRICAL MEASUREMENTS AND INSTRUMENTAT	13	A	1.5
21B85A0240	R2032025	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0240	R2032026	POWER SYSTEMS AND SIMULATION LAB	14	A+	1.5
21B85A0240	R2032027	SKILL ADVANCED COURSE: MACHINE LEARNING	0	A+	2
21B85A0240	R2032028	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0240	R203202D	SWITCHGEAR AND PROTECTION	16	E	3
21B85A0240	R203204G	PRINCIPLES OF SIGNAL PROCESSING	16	F	0
21B85A0301	R2032031	HEAT TRANSFER	18	F	0
21B85A0301	R2032032	DESIGN OF MACHINE MEMBERS-II	19	E	3
21B85A0301	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	D	3
21B85A0301	R2032034	HEAT TRANSFER LAB	12	A	1.5
21B85A0301	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0301	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0301	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0301	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
21B85A0301	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
21B85A0301	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0302	R2032031	HEAT TRANSFER	18	F	0
21B85A0302	R2032032	DESIGN OF MACHINE MEMBERS-II	11	D	3
21B85A0302	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	23	E	3
21B85A0302	R2032034	HEAT TRANSFER LAB	11	C	1.5
21B85A0302	R2032035	CAE&CAM LAB	14	A	1.5
21B85A0302	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0302	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0302	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
21B85A0302	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
21B85A0302	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	18	E	3
21B85A0303	R2032031	HEAT TRANSFER	19	D	3
21B85A0303	R2032032	DESIGN OF MACHINE MEMBERS-II	14	E	3
21B85A0303	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	C	3
21B85A0303	R2032034	HEAT TRANSFER LAB	9	A	1.5
21B85A0303	R2032035	CAE&CAM LAB	14	A	1.5
21B85A0303	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0303	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0303	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
21B85A0303	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
21B85A0303	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	B	3
21B85A0304	R2032031	HEAT TRANSFER	19	D	3
21B85A0304	R2032032	DESIGN OF MACHINE MEMBERS-II	17	E	3
21B85A0304	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	C	3
21B85A0304	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0304	R2032035	CAE&CAM LAB	14	A	1.5
21B85A0304	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0304	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0304	R2032038	RESEARCH METHODOLOGY AND IPR	21	COMPLE	0
21B85A0304	R203203D	STATISTICAL QUALITY CONTROL	26	C	3
21B85A0304	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
21B85A0305	R2032031	HEAT TRANSFER	21	F	0
21B85A0305	R2032032	DESIGN OF MACHINE MEMBERS-II	15	E	3
21B85A0305	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	F	0
21B85A0305	R2032034	HEAT TRANSFER LAB	13	B	1.5
21B85A0305	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0305	R2032036	MEASUREMENTS & METROLOGY LAB	11	A	1.5
21B85A0305	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
21B85A0305	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
21B85A0305	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
21B85A0305	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	D	3
21B85A0306	R2032031	HEAT TRANSFER	17	D	3
21B85A0306	R2032032	DESIGN OF MACHINE MEMBERS-II	22	A	3
21B85A0306	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
21B85A0306	R2032034	HEAT TRANSFER LAB	11	B	1.5
21B85A0306	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0306	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0306	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0306	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
21B85A0306	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
21B85A0306	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	B	3
21B85A0307	R2032031	HEAT TRANSFER	18	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0307	R2032032	DESIGN OF MACHINE MEMBERS-II	16	E	3
21B85A0307	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	22	E	3
21B85A0307	R2032034	HEAT TRANSFER LAB	10	C	1.5
21B85A0307	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0307	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
21B85A0307	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0307	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
21B85A0307	R203203D	STATISTICAL QUALITY CONTROL	17	E	3
21B85A0307	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	C	3
21B85A0308	R2032031	HEAT TRANSFER	21	C	3
21B85A0308	R2032032	DESIGN OF MACHINE MEMBERS-II	19	E	3
21B85A0308	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	21	D	3
21B85A0308	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0308	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0308	R2032036	MEASUREMENTS & METROLOGY LAB	15	A	1.5
21B85A0308	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0308	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0308	R203203D	STATISTICAL QUALITY CONTROL	21	E	3
21B85A0308	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
21B85A0309	R2032031	HEAT TRANSFER	15	E	3
21B85A0309	R2032032	DESIGN OF MACHINE MEMBERS-II	15	D	3
21B85A0309	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	D	3
21B85A0309	R2032034	HEAT TRANSFER LAB	13	B	1.5
21B85A0309	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0309	R2032036	MEASUREMENTS & METROLOGY LAB	11	A	1.5
21B85A0309	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A	2
21B85A0309	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
21B85A0309	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
21B85A0309	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	13	D	3
21B85A0310	R2032031	HEAT TRANSFER	19	E	3
21B85A0310	R2032032	DESIGN OF MACHINE MEMBERS-II	20	D	3
21B85A0310	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	D	3
21B85A0310	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0310	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0310	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
21B85A0310	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0310	R2032038	RESEARCH METHODOLOGY AND IPR	12	COMPLE	0
21B85A0310	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
21B85A0310	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
21B85A0311	R2032031	HEAT TRANSFER	14	F	0
21B85A0311	R2032032	DESIGN OF MACHINE MEMBERS-II	17	E	3
21B85A0311	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	D	3
21B85A0311	R2032034	HEAT TRANSFER LAB	11	C	1.5
21B85A0311	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0311	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0311	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0311	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
21B85A0311	R203203D	STATISTICAL QUALITY CONTROL	20	E	3
21B85A0311	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	20	D	3
21B85A0312	R2032031	HEAT TRANSFER	16	F	0
21B85A0312	R2032032	DESIGN OF MACHINE MEMBERS-II	22	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0312	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	E	3
21B85A0312	R2032034	HEAT TRANSFER LAB	12	C	1.5
21B85A0312	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0312	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0312	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0312	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
21B85A0312	R203203D	STATISTICAL QUALITY CONTROL	21	D	3
21B85A0312	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	C	3
21B85A0313	R2032031	HEAT TRANSFER	9	F	0
21B85A0313	R2032032	DESIGN OF MACHINE MEMBERS-II	13	F	0
21B85A0313	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	F	0
21B85A0313	R2032034	HEAT TRANSFER LAB	9	C	1.5
21B85A0313	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0313	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0313	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0313	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0313	R203203D	STATISTICAL QUALITY CONTROL	17	E	3
21B85A0313	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	14	E	3
21B85A0314	R2032031	HEAT TRANSFER	15	F	0
21B85A0314	R2032032	DESIGN OF MACHINE MEMBERS-II	20	B	3
21B85A0314	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
21B85A0314	R2032034	HEAT TRANSFER LAB	11	B	1.5
21B85A0314	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0314	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0314	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0314	R2032038	RESEARCH METHODOLOGY AND IPR	23	COMPLE	0
21B85A0314	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
21B85A0314	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
21B85A0315	R2032031	HEAT TRANSFER	16	E	3
21B85A0315	R2032032	DESIGN OF MACHINE MEMBERS-II	18	D	3
21B85A0315	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	F	0
21B85A0315	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0315	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0315	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0315	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0315	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
21B85A0315	R203203D	STATISTICAL QUALITY CONTROL	20	D	3
21B85A0315	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	17	D	3
21B85A0316	R2032031	HEAT TRANSFER	17	D	3
21B85A0316	R2032032	DESIGN OF MACHINE MEMBERS-II	21	E	3
21B85A0316	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	D	3
21B85A0316	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0316	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0316	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0316	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0316	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
21B85A0316	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
21B85A0316	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	C	3
21B85A0317	R2032031	HEAT TRANSFER	10	F	0
21B85A0317	R2032032	DESIGN OF MACHINE MEMBERS-II	13	F	0
21B85A0317	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	19	F	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0317	R2032034	HEAT TRANSFER LAB	9	C	1.5
21B85A0317	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0317	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0317	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0317	R2032038	RESEARCH METHODOLOGY AND IPR	20	COMPLE	0
21B85A0317	R203203D	STATISTICAL QUALITY CONTROL	16	F	0
21B85A0317	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	16	F	0
21B85A0318	R2032031	HEAT TRANSFER	11	F	0
21B85A0318	R2032032	DESIGN OF MACHINE MEMBERS-II	16	E	3
21B85A0318	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	F	0
21B85A0318	R2032034	HEAT TRANSFER LAB	10	C	1.5
21B85A0318	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0318	R2032036	MEASUREMENTS & METROLOGY LAB	12	A	1.5
21B85A0318	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0318	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
21B85A0318	R203203D	STATISTICAL QUALITY CONTROL	19	E	3
21B85A0318	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	E	3
21B85A0319	R2032031	HEAT TRANSFER	15	E	3
21B85A0319	R2032032	DESIGN OF MACHINE MEMBERS-II	17	E	3
21B85A0319	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	E	3
21B85A0319	R2032034	HEAT TRANSFER LAB	9	C	1.5
21B85A0319	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0319	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
21B85A0319	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0319	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0319	R203203D	STATISTICAL QUALITY CONTROL	20	D	3
21B85A0319	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	C	3
21B85A0320	R2032031	HEAT TRANSFER	23	B	3
21B85A0320	R2032032	DESIGN OF MACHINE MEMBERS-II	22	C	3
21B85A0320	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	D	3
21B85A0320	R2032034	HEAT TRANSFER LAB	12	A	1.5
21B85A0320	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0320	R2032036	MEASUREMENTS & METROLOGY LAB	15	A	1.5
21B85A0320	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0320	R2032038	RESEARCH METHODOLOGY AND IPR	28	COMPLE	0
21B85A0320	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
21B85A0320	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	B	3
21B85A0321	R2032031	HEAT TRANSFER	8	F	0
21B85A0321	R2032032	DESIGN OF MACHINE MEMBERS-II	16	F	0
21B85A0321	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	F	0
21B85A0321	R2032034	HEAT TRANSFER LAB	8	C	1.5
21B85A0321	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0321	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
21B85A0321	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0321	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
21B85A0321	R203203D	STATISTICAL QUALITY CONTROL	16	E	3
21B85A0321	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	20	D	3
21B85A0322	R2032031	HEAT TRANSFER	14	F	0
21B85A0322	R2032032	DESIGN OF MACHINE MEMBERS-II	17	C	3
21B85A0322	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	D	3
21B85A0322	R2032034	HEAT TRANSFER LAB	8	C	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0322	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0322	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0322	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0322	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
21B85A0322	R203203D	STATISTICAL QUALITY CONTROL	17	D	3
21B85A0322	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	D	3
21B85A0323	R2032031	HEAT TRANSFER	14	E	3
21B85A0323	R2032032	DESIGN OF MACHINE MEMBERS-II	19	D	3
21B85A0323	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
21B85A0323	R2032034	HEAT TRANSFER LAB	10	C	1.5
21B85A0323	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0323	R2032036	MEASUREMENTS & METROLOGY LAB	12	A+	1.5
21B85A0323	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0323	R2032038	RESEARCH METHODOLOGY AND IPR	28	COMPLE	0
21B85A0323	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
21B85A0323	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	C	3
21B85A0324	R2032031	HEAT TRANSFER	10	E	3
21B85A0324	R2032032	DESIGN OF MACHINE MEMBERS-II	12	F	0
21B85A0324	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	18	F	0
21B85A0324	R2032034	HEAT TRANSFER LAB	10	B	1.5
21B85A0324	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0324	R2032036	MEASUREMENTS & METROLOGY LAB	13	A+	1.5
21B85A0324	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0324	R2032038	RESEARCH METHODOLOGY AND IPR	16	COMPLE	0
21B85A0324	R203203D	STATISTICAL QUALITY CONTROL	16	E	3
21B85A0324	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	15	D	3
21B85A0325	R2032031	HEAT TRANSFER	18	D	3
21B85A0325	R2032032	DESIGN OF MACHINE MEMBERS-II	22	D	3
21B85A0325	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	22	D	3
21B85A0325	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0325	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0325	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0325	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0325	R2032038	RESEARCH METHODOLOGY AND IPR	28	COMPLE	0
21B85A0325	R203203D	STATISTICAL QUALITY CONTROL	19	D	3
21B85A0325	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	B	3
21B85A0326	R2032031	HEAT TRANSFER	16	E	3
21B85A0326	R2032032	DESIGN OF MACHINE MEMBERS-II	21	C	3
21B85A0326	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	C	3
21B85A0326	R2032034	HEAT TRANSFER LAB	13	C	1.5
21B85A0326	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0326	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0326	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0326	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0326	R203203D	STATISTICAL QUALITY CONTROL	26	C	3
21B85A0326	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	21	B	3
21B85A0327	R2032031	HEAT TRANSFER	17	E	3
21B85A0327	R2032032	DESIGN OF MACHINE MEMBERS-II	22	E	3
21B85A0327	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	C	3
21B85A0327	R2032034	HEAT TRANSFER LAB	14	A+	1.5
21B85A0327	R2032035	CAE&CAM LAB	15	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0327	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0327	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0327	R2032038	RESEARCH METHODOLOGY AND IPR	24	COMPLE	0
21B85A0327	R203203D	STATISTICAL QUALITY CONTROL	24	C	3
21B85A0327	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	C	3
21B85A0328	R2032031	HEAT TRANSFER	22	C	3
21B85A0328	R2032032	DESIGN OF MACHINE MEMBERS-II	21	A	3
21B85A0328	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	A	3
21B85A0328	R2032034	HEAT TRANSFER LAB	12	C	1.5
21B85A0328	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0328	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0328	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0328	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0328	R203203D	STATISTICAL QUALITY CONTROL	24	C	3
21B85A0328	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	B	3
21B85A0329	R2032031	HEAT TRANSFER	19	D	3
21B85A0329	R2032032	DESIGN OF MACHINE MEMBERS-II	18	D	3
21B85A0329	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	28	C	3
21B85A0329	R2032034	HEAT TRANSFER LAB	10	D	1.5
21B85A0329	R2032035	CAE&CAM LAB	14	B	1.5
21B85A0329	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0329	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0329	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0
21B85A0329	R203203D	STATISTICAL QUALITY CONTROL	22	C	3
21B85A0329	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
21B85A0330	R2032031	HEAT TRANSFER	18	F	0
21B85A0330	R2032032	DESIGN OF MACHINE MEMBERS-II	16	F	0
21B85A0330	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
21B85A0330	R2032034	HEAT TRANSFER LAB	9	D	1.5
21B85A0330	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0330	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
21B85A0330	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0330	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
21B85A0330	R203203D	STATISTICAL QUALITY CONTROL	19	E	3
21B85A0330	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	18	D	3
21B85A0331	R2032031	HEAT TRANSFER	16	E	3
21B85A0331	R2032032	DESIGN OF MACHINE MEMBERS-II	17	E	3
21B85A0331	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	D	3
21B85A0331	R2032034	HEAT TRANSFER LAB	11	A	1.5
21B85A0331	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0331	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0331	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0331	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0331	R203203D	STATISTICAL QUALITY CONTROL	23	C	3
21B85A0331	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	E	3
21B85A0332	R2032031	HEAT TRANSFER	13	D	3
21B85A0332	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
21B85A0332	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	D	3
21B85A0332	R2032034	HEAT TRANSFER LAB	11	B	1.5
21B85A0332	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0332	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0332	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0332	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
21B85A0332	R203203D	STATISTICAL QUALITY CONTROL	22	D	3
21B85A0332	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
21B85A0333	R2032031	HEAT TRANSFER	18	C	3
21B85A0333	R2032032	DESIGN OF MACHINE MEMBERS-II	21	B	3
21B85A0333	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	26	B	3
21B85A0333	R2032034	HEAT TRANSFER LAB	13	B	1.5
21B85A0333	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0333	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0333	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0333	R2032038	RESEARCH METHODOLOGY AND IPR	29	COMPLE	0
21B85A0333	R203203D	STATISTICAL QUALITY CONTROL	26	C	3
21B85A0333	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	B	3
21B85A0334	R2032031	HEAT TRANSFER	17	F	0
21B85A0334	R2032032	DESIGN OF MACHINE MEMBERS-II	16	E	3
21B85A0334	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
21B85A0334	R2032034	HEAT TRANSFER LAB	8	D	1.5
21B85A0334	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0334	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
21B85A0334	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0334	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
21B85A0334	R203203D	STATISTICAL QUALITY CONTROL	23	D	3
21B85A0334	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	18	C	3
21B85A0335	R2032031	HEAT TRANSFER	17	E	3
21B85A0335	R2032032	DESIGN OF MACHINE MEMBERS-II	17	E	3
21B85A0335	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	C	3
21B85A0335	R2032034	HEAT TRANSFER LAB	10	B	1.5
21B85A0335	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0335	R2032036	MEASUREMENTS & METROLOGY LAB	13	A	1.5
21B85A0335	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0335	R2032038	RESEARCH METHODOLOGY AND IPR	25	COMPLE	0
21B85A0335	R203203D	STATISTICAL QUALITY CONTROL	19	E	3
21B85A0335	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	22	C	3
21B85A0336	R2032031	HEAT TRANSFER	19	C	3
21B85A0336	R2032032	DESIGN OF MACHINE MEMBERS-II	26	C	3
21B85A0336	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	28	C	3
21B85A0336	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0336	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0336	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0336	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0336	R2032038	RESEARCH METHODOLOGY AND IPR	28	COMPLE	0
21B85A0336	R203203D	STATISTICAL QUALITY CONTROL	24	C	3
21B85A0336	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	B	3
21B85A0337	R2032031	HEAT TRANSFER	25	B	3
21B85A0337	R2032032	DESIGN OF MACHINE MEMBERS-II	23	D	3
21B85A0337	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	30	B	3
21B85A0337	R2032034	HEAT TRANSFER LAB	10	D	1.5
21B85A0337	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0337	R2032036	MEASUREMENTS & METROLOGY LAB	14	A	1.5
21B85A0337	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0337	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0337	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
21B85A0337	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	C	3
21B85A0338	R2032031	HEAT TRANSFER	16	F	0
21B85A0338	R2032032	DESIGN OF MACHINE MEMBERS-II	19	A	3
21B85A0338	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	24	F	0
21B85A0338	R2032034	HEAT TRANSFER LAB	9	D	1.5
21B85A0338	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0338	R2032036	MEASUREMENTS & METROLOGY LAB	13	A+	1.5
21B85A0338	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0338	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0338	R203203D	STATISTICAL QUALITY CONTROL	23	C	3
21B85A0338	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	19	C	3
21B85A0339	R2032031	HEAT TRANSFER	19	E	3
21B85A0339	R2032032	DESIGN OF MACHINE MEMBERS-II	24	D	3
21B85A0339	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	D	3
21B85A0339	R2032034	HEAT TRANSFER LAB	12	B	1.5
21B85A0339	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0339	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0339	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0339	R2032038	RESEARCH METHODOLOGY AND IPR	27	COMPLE	0
21B85A0339	R203203D	STATISTICAL QUALITY CONTROL	27	C	3
21B85A0339	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
21B85A0340	R2032031	HEAT TRANSFER	22	B	3
21B85A0340	R2032032	DESIGN OF MACHINE MEMBERS-II	18	C	3
21B85A0340	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	29	C	3
21B85A0340	R2032034	HEAT TRANSFER LAB	14	B	1.5
21B85A0340	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0340	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0340	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0340	R2032038	RESEARCH METHODOLOGY AND IPR	26	COMPLE	0
21B85A0340	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
21B85A0340	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	25	B	3
21B85A0341	R2032031	HEAT TRANSFER	16	D	3
21B85A0341	R2032032	DESIGN OF MACHINE MEMBERS-II	19	C	3
21B85A0341	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	D	3
21B85A0341	R2032034	HEAT TRANSFER LAB	11	B	1.5
21B85A0341	R2032035	CAE&CAM LAB	15	A+	1.5
21B85A0341	R2032036	MEASUREMENTS & METROLOGY LAB	15	A+	1.5
21B85A0341	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0341	R2032038	RESEARCH METHODOLOGY AND IPR	29	COMPLE	0
21B85A0341	R203203D	STATISTICAL QUALITY CONTROL	25	D	3
21B85A0341	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
21B85A0342	R2032031	HEAT TRANSFER	17	C	3
21B85A0342	R2032032	DESIGN OF MACHINE MEMBERS-II	21	D	3
21B85A0342	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	27	D	3
21B85A0342	R2032034	HEAT TRANSFER LAB	13	A	1.5
21B85A0342	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0342	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0342	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0342	R2032038	RESEARCH METHODOLOGY AND IPR	22	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0342	R203203D	STATISTICAL QUALITY CONTROL	25	C	3
21B85A0342	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	24	C	3
21B85A0344	R2032031	HEAT TRANSFER	18	E	3
21B85A0344	R2032032	DESIGN OF MACHINE MEMBERS-II	19	D	3
21B85A0344	R2032033	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	25	C	3
21B85A0344	R2032034	HEAT TRANSFER LAB	10	B	1.5
21B85A0344	R2032035	CAE&CAM LAB	15	A	1.5
21B85A0344	R2032036	MEASUREMENTS & METROLOGY LAB	14	A+	1.5
21B85A0344	R2032037	ARTIFICIAL INTELLIGENCE AND MACHINE LEAR	0	A+	2
21B85A0344	R2032038	RESEARCH METHODOLOGY AND IPR	29	COMPLE	0
21B85A0344	R203203D	STATISTICAL QUALITY CONTROL	22	C	3
21B85A0344	R203203J	INTRODUCTION TO AUTOMOBILE ENGINEERING	23	B	3
21B85A0401	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
21B85A0401	R2032042	VLSI DESIGN	23	C	3
21B85A0401	R2032043	DIGITAL SIGNAL PROCESSING	23	F	0
21B85A0401	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	9	C	1.5
21B85A0401	R2032045	VLSI DESIGN LAB	14	A	1.5
21B85A0401	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	A+	1.5
21B85A0401	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0401	R2032048	RESEARCH METHODOLOGY	16	COMPLE	0
21B85A0401	R203204C	EMBEDDED SYSTEMS	21	F	0
21B85A0401	R203205F	PYTHON PROGRAMMING	22	D	3
21B85A0402	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	30	C	3
21B85A0402	R2032042	VLSI DESIGN	29	B	3
21B85A0402	R2032043	DIGITAL SIGNAL PROCESSING	27	C	3
21B85A0402	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
21B85A0402	R2032045	VLSI DESIGN LAB	15	A+	1.5
21B85A0402	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
21B85A0402	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0402	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
21B85A0402	R203204C	EMBEDDED SYSTEMS	29	B	3
21B85A0402	R203205F	PYTHON PROGRAMMING	28	B	3
21B85A0403	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	29	A	3
21B85A0403	R2032042	VLSI DESIGN	28	A	3
21B85A0403	R2032043	DIGITAL SIGNAL PROCESSING	26	D	3
21B85A0403	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
21B85A0403	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0403	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	A	1.5
21B85A0403	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
21B85A0403	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
21B85A0403	R203204C	EMBEDDED SYSTEMS	28	B	3
21B85A0403	R203205F	PYTHON PROGRAMMING	27	B	3
21B85A0404	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	D	3
21B85A0404	R2032042	VLSI DESIGN	23	E	3
21B85A0404	R2032043	DIGITAL SIGNAL PROCESSING	22	E	3
21B85A0404	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	B	1.5
21B85A0404	R2032045	VLSI DESIGN LAB	13	A	1.5
21B85A0404	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
21B85A0404	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0404	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
21B85A0404	R203204C	EMBEDDED SYSTEMS	25	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0404	R203205F	PYTHON PROGRAMMING	25	E	3
21B85A0405	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
21B85A0405	R2032042	VLSI DESIGN	24	C	3
21B85A0405	R2032043	DIGITAL SIGNAL PROCESSING	23	D	3
21B85A0405	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A+	1.5
21B85A0405	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0405	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	B	1.5
21B85A0405	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
21B85A0405	R2032048	RESEARCH METHODOLOGY	18	COMPLE	0
21B85A0405	R203204C	EMBEDDED SYSTEMS	23	D	3
21B85A0405	R203205F	PYTHON PROGRAMMING	24	B	3
21B85A0406	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	C	3
21B85A0406	R2032042	VLSI DESIGN	25	D	3
21B85A0406	R2032043	DIGITAL SIGNAL PROCESSING	23	C	3
21B85A0406	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	B	1.5
21B85A0406	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0406	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
21B85A0406	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
21B85A0406	R2032048	RESEARCH METHODOLOGY	17	COMPLE	0
21B85A0406	R203204C	EMBEDDED SYSTEMS	22	C	3
21B85A0406	R203205F	PYTHON PROGRAMMING	25	B	3
21B85A0407	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	B	3
21B85A0407	R2032042	VLSI DESIGN	28	A	3
21B85A0407	R2032043	DIGITAL SIGNAL PROCESSING	26	C	3
21B85A0407	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	B	1.5
21B85A0407	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0407	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	B	1.5
21B85A0407	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
21B85A0407	R2032048	RESEARCH METHODOLOGY	23	COMPLE	0
21B85A0407	R203204C	EMBEDDED SYSTEMS	26	B	3
21B85A0407	R203205F	PYTHON PROGRAMMING	28	B	3
21B85A0408	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
21B85A0408	R2032042	VLSI DESIGN	20	E	3
21B85A0408	R2032043	DIGITAL SIGNAL PROCESSING	22	E	3
21B85A0408	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
21B85A0408	R2032045	VLSI DESIGN LAB	14	A	1.5
21B85A0408	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
21B85A0408	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0408	R2032048	RESEARCH METHODOLOGY	13	COMPLE	0
21B85A0408	R203204C	EMBEDDED SYSTEMS	19	D	3
21B85A0408	R203205F	PYTHON PROGRAMMING	25	E	3
21B85A0409	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	18	D	3
21B85A0409	R2032042	VLSI DESIGN	25	F	0
21B85A0409	R2032043	DIGITAL SIGNAL PROCESSING	23	E	3
21B85A0409	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	10	C	1.5
21B85A0409	R2032045	VLSI DESIGN LAB	14	A	1.5
21B85A0409	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	C	1.5
21B85A0409	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0409	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
21B85A0409	R203204C	EMBEDDED SYSTEMS	19	E	3
21B85A0409	R203205F	PYTHON PROGRAMMING	21	E	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0410	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	C	3
21B85A0410	R2032042	VLSI DESIGN	29	D	3
21B85A0410	R2032043	DIGITAL SIGNAL PROCESSING	27	D	3
21B85A0410	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	A+	1.5
21B85A0410	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0410	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	A+	1.5
21B85A0410	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0410	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
21B85A0410	R203204C	EMBEDDED SYSTEMS	24	B	3
21B85A0410	R203205F	PYTHON PROGRAMMING	26	D	3
21B85A0411	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	B	3
21B85A0411	R2032042	VLSI DESIGN	29	D	3
21B85A0411	R2032043	DIGITAL SIGNAL PROCESSING	28	C	3
21B85A0411	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	B	1.5
21B85A0411	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0411	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
21B85A0411	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
21B85A0411	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0411	R203204C	EMBEDDED SYSTEMS	25	C	3
21B85A0411	R203205F	PYTHON PROGRAMMING	27	B	3
21B85A0412	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	27	B	3
21B85A0412	R2032042	VLSI DESIGN	29	F	0
21B85A0412	R2032043	DIGITAL SIGNAL PROCESSING	28	B	3
21B85A0412	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
21B85A0412	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0412	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	B	1.5
21B85A0412	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0412	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0412	R203204C	EMBEDDED SYSTEMS	28	B	3
21B85A0412	R203205F	PYTHON PROGRAMMING	25	C	3
21B85A0413	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	D	3
21B85A0413	R2032042	VLSI DESIGN	28	C	3
21B85A0413	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
21B85A0413	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	C	1.5
21B85A0413	R2032045	VLSI DESIGN LAB	12	A	1.5
21B85A0413	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	C	1.5
21B85A0413	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
21B85A0413	R2032048	RESEARCH METHODOLOGY	24	COMPLE	0
21B85A0413	R203204C	EMBEDDED SYSTEMS	22	E	3
21B85A0413	R203205F	PYTHON PROGRAMMING	25	C	3
21B85A0414	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	D	3
21B85A0414	R2032042	VLSI DESIGN	27	D	3
21B85A0414	R2032043	DIGITAL SIGNAL PROCESSING	27	C	3
21B85A0414	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A	1.5
21B85A0414	R2032045	VLSI DESIGN LAB	15	A	1.5
21B85A0414	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
21B85A0414	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0414	R2032048	RESEARCH METHODOLOGY	21	COMPLE	0
21B85A0414	R203204C	EMBEDDED SYSTEMS	23	D	3
21B85A0414	R203205F	PYTHON PROGRAMMING	25	F	0
21B85A0415	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0415	R2032042	VLSI DESIGN	26	D	3
21B85A0415	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
21B85A0415	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	13	C	1.5
21B85A0415	R2032045	VLSI DESIGN LAB	12	B	1.5
21B85A0415	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	C	1.5
21B85A0415	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0415	R2032048	RESEARCH METHODOLOGY	14	COMPLE	0
21B85A0415	R203204C	EMBEDDED SYSTEMS	23	F	0
21B85A0415	R203205F	PYTHON PROGRAMMING	22	D	3
21B85A0416	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	19	D	3
21B85A0416	R2032042	VLSI DESIGN	27	F	0
21B85A0416	R2032043	DIGITAL SIGNAL PROCESSING	24	D	3
21B85A0416	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	C	1.5
21B85A0416	R2032045	VLSI DESIGN LAB	12	B	1.5
21B85A0416	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	C	1.5
21B85A0416	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0416	R2032048	RESEARCH METHODOLOGY	8	COMPLE	0
21B85A0416	R203204C	EMBEDDED SYSTEMS	18	E	3
21B85A0416	R203205F	PYTHON PROGRAMMING	18	F	0
21B85A0417	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	25	C	3
21B85A0417	R2032042	VLSI DESIGN	23	C	3
21B85A0417	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
21B85A0417	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	14	A	1.5
21B85A0417	R2032045	VLSI DESIGN LAB	14	A	1.5
21B85A0417	R2032046	DIGITAL SIGNAL PROCESSING LAB	12	B	1.5
21B85A0417	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0417	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
21B85A0417	R203204C	EMBEDDED SYSTEMS	21	C	3
21B85A0417	R203205F	PYTHON PROGRAMMING	23	C	3
21B85A0418	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	20	E	3
21B85A0418	R2032042	VLSI DESIGN	20	E	3
21B85A0418	R2032043	DIGITAL SIGNAL PROCESSING	20	F	0
21B85A0418	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	C	1.5
21B85A0418	R2032045	VLSI DESIGN LAB	13	A	1.5
21B85A0418	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	C	1.5
21B85A0418	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0418	R2032048	RESEARCH METHODOLOGY	19	COMPLE	0
21B85A0418	R203204C	EMBEDDED SYSTEMS	17	E	3
21B85A0418	R203205F	PYTHON PROGRAMMING	20	F	0
21B85A0419	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	28	B	3
21B85A0419	R2032042	VLSI DESIGN	27	C	3
21B85A0419	R2032043	DIGITAL SIGNAL PROCESSING	24	C	3
21B85A0419	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	15	A	1.5
21B85A0419	R2032045	VLSI DESIGN LAB	14	A	1.5
21B85A0419	R2032046	DIGITAL SIGNAL PROCESSING LAB	14	A+	1.5
21B85A0419	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A+	2
21B85A0419	R2032048	RESEARCH METHODOLOGY	25	COMPLE	0
21B85A0419	R203204C	EMBEDDED SYSTEMS	24	C	3
21B85A0419	R203205F	PYTHON PROGRAMMING	28	B	3
21B85A0420	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	C	3
21B85A0420	R2032042	VLSI DESIGN	24	D	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0420	R2032043	DIGITAL SIGNAL PROCESSING	23	E	3
21B85A0420	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	C	1.5
21B85A0420	R2032045	VLSI DESIGN LAB	13	A	1.5
21B85A0420	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
21B85A0420	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0420	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
21B85A0420	R203204C	EMBEDDED SYSTEMS	18	E	3
21B85A0420	R203205F	PYTHON PROGRAMMING	22	F	0
21B85A0421	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	22	C	3
21B85A0421	R2032042	VLSI DESIGN	25	D	3
21B85A0421	R2032043	DIGITAL SIGNAL PROCESSING	23	F	0
21B85A0421	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	12	A+	1.5
21B85A0421	R2032045	VLSI DESIGN LAB	13	A	1.5
21B85A0421	R2032046	DIGITAL SIGNAL PROCESSING LAB	13	B	1.5
21B85A0421	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0421	R2032048	RESEARCH METHODOLOGY	26	COMPLE	0
21B85A0421	R203204C	EMBEDDED SYSTEMS	20	E	3
21B85A0421	R203205F	PYTHON PROGRAMMING	20	D	3
21B85A0422	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	24	D	3
21B85A0422	R2032042	VLSI DESIGN	25	E	3
21B85A0422	R2032043	DIGITAL SIGNAL PROCESSING	23	E	3
21B85A0422	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0422	R2032045	VLSI DESIGN LAB	11	B	1.5
21B85A0422	R2032046	DIGITAL SIGNAL PROCESSING LAB	11	A	1.5
21B85A0422	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	B	2
21B85A0422	R2032048	RESEARCH METHODOLOGY	22	COMPLE	0
21B85A0422	R203204C	EMBEDDED SYSTEMS	20	E	3
21B85A0422	R203205F	PYTHON PROGRAMMING	20	D	3
21B85A0423	R2032041	MICROPROCESSOR AND MICROCONTROLLERS	21	D	3
21B85A0423	R2032042	VLSI DESIGN	28	C	3
21B85A0423	R2032043	DIGITAL SIGNAL PROCESSING	25	D	3
21B85A0423	R2032044	MICROPROCESSOR AND MICROCONTROLLERS LAB	11	A	1.5
21B85A0423	R2032045	VLSI DESIGN LAB	13	A	1.5
21B85A0423	R2032046	DIGITAL SIGNAL PROCESSING LAB	10	B	1.5
21B85A0423	R2032047	ARM BASED/AURDINO BASED PROGRAMMING	0	A	2
21B85A0423	R2032048	RESEARCH METHODOLOGY	27	COMPLE	0
21B85A0423	R203204C	EMBEDDED SYSTEMS	20	D	3
21B85A0423	R203205F	PYTHON PROGRAMMING	24	C	3
21B85A0501	R2032051	MACHINE LEARNING	23	F	0
21B85A0501	R2032052	COMPILER DESIGN	23	AB	0
21B85A0501	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	AB	0
21B85A0501	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
21B85A0501	R2032055	COMPILER DESIGN LAB	0	C	1.5
21B85A0501	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
21B85A0501	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0501	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
21B85A0501	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	AB	0
21B85A0501	R203205E	MEAN STACK DEVELOPMENT	13	AB	0
21B85A0502	R2032051	MACHINE LEARNING	30	C	3
21B85A0502	R2032052	COMPILER DESIGN	29	C	3
21B85A0502	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0502	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
21B85A0502	R2032055	COMPILER DESIGN LAB	15	A+	1.5
21B85A0502	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A	1.5
21B85A0502	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0502	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0502	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	B	3
21B85A0502	R203205E	MEAN STACK DEVELOPMENT	29	B	3
21B85A0503	R2032051	MACHINE LEARNING	30	B	3
21B85A0503	R2032052	COMPILER DESIGN	27	C	3
21B85A0503	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
21B85A0503	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
21B85A0503	R2032055	COMPILER DESIGN LAB	15	A+	1.5
21B85A0503	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
21B85A0503	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0503	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0503	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
21B85A0503	R203205E	MEAN STACK DEVELOPMENT	26	D	3
21B85A0504	R2032051	MACHINE LEARNING	28	C	3
21B85A0504	R2032052	COMPILER DESIGN	27	C	3
21B85A0504	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	C	3
21B85A0504	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A0504	R2032055	COMPILER DESIGN LAB	15	A+	1.5
21B85A0504	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
21B85A0504	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0504	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0504	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
21B85A0504	R203205E	MEAN STACK DEVELOPMENT	28	B	3
21B85A0505	R2032051	MACHINE LEARNING	26	D	3
21B85A0505	R2032052	COMPILER DESIGN	25	D	3
21B85A0505	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
21B85A0505	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
21B85A0505	R2032055	COMPILER DESIGN LAB	15	A+	1.5
21B85A0505	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A0505	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0505	R2032059	EMPLOYABILITY SKILLS-II	26	COMPLE	0
21B85A0505	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
21B85A0505	R203205E	MEAN STACK DEVELOPMENT	26	F	0
21B85A0506	R2032051	MACHINE LEARNING	25	D	3
21B85A0506	R2032052	COMPILER DESIGN	26	C	3
21B85A0506	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	D	3
21B85A0506	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
21B85A0506	R2032055	COMPILER DESIGN LAB	15	A+	1.5
21B85A0506	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
21B85A0506	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0506	R2032059	EMPLOYABILITY SKILLS-II	16	COMPLE	0
21B85A0506	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	C	3
21B85A0506	R203205E	MEAN STACK DEVELOPMENT	26	C	3
21B85A0507	R2032051	MACHINE LEARNING	27	F	0
21B85A0507	R2032052	COMPILER DESIGN	27	D	3
21B85A0507	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
21B85A0507	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0507	R2032055	COMPILER DESIGN LAB	15	A+	1.5
21B85A0507	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
21B85A0507	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0507	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0507	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	29	D	3
21B85A0507	R203205E	MEAN STACK DEVELOPMENT	27	C	3
21B85A0508	R2032051	MACHINE LEARNING	25	D	3
21B85A0508	R2032052	COMPILER DESIGN	24	C	3
21B85A0508	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
21B85A0508	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
21B85A0508	R2032055	COMPILER DESIGN LAB	12	A	1.5
21B85A0508	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
21B85A0508	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0508	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0508	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	23	D	3
21B85A0508	R203205E	MEAN STACK DEVELOPMENT	26	D	3
21B85A0509	R2032051	MACHINE LEARNING	26	D	3
21B85A0509	R2032052	COMPILER DESIGN	24	D	3
21B85A0509	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
21B85A0509	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
21B85A0509	R2032055	COMPILER DESIGN LAB	12	A	1.5
21B85A0509	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
21B85A0509	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0509	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0509	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	F	0
21B85A0509	R203205E	MEAN STACK DEVELOPMENT	27	C	3
21B85A0510	R2032051	MACHINE LEARNING	28	C	3
21B85A0510	R2032052	COMPILER DESIGN	26	B	3
21B85A0510	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	A	3
21B85A0510	R2032054	MACHINE LEARNING USING PYTHON LAB	10	A	1.5
21B85A0510	R2032055	COMPILER DESIGN LAB	10	A	1.5
21B85A0510	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
21B85A0510	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0510	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0510	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	B	3
21B85A0510	R203205E	MEAN STACK DEVELOPMENT	30	B	3
21B85A0511	R2032051	MACHINE LEARNING	28	D	3
21B85A0511	R2032052	COMPILER DESIGN	24	D	3
21B85A0511	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
21B85A0511	R2032054	MACHINE LEARNING USING PYTHON LAB	10	A	1.5
21B85A0511	R2032055	COMPILER DESIGN LAB	10	A	1.5
21B85A0511	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
21B85A0511	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0511	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0511	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	24	F	0
21B85A0511	R203205E	MEAN STACK DEVELOPMENT	26	D	3
21B85A0512	R2032051	MACHINE LEARNING	24	D	3
21B85A0512	R2032052	COMPILER DESIGN	23	D	3
21B85A0512	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	D	3
21B85A0512	R2032054	MACHINE LEARNING USING PYTHON LAB	10	A	1.5
21B85A0512	R2032055	COMPILER DESIGN LAB	13	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0512	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
21B85A0512	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0512	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
21B85A0512	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	27	D	3
21B85A0512	R203205E	MEAN STACK DEVELOPMENT	23	E	3
21B85A0513	R2032051	MACHINE LEARNING	30	A	3
21B85A0513	R2032052	COMPILER DESIGN	27	C	3
21B85A0513	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
21B85A0513	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
21B85A0513	R2032055	COMPILER DESIGN LAB	10	B	1.5
21B85A0513	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
21B85A0513	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0513	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0513	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
21B85A0513	R203205E	MEAN STACK DEVELOPMENT	28	C	3
21B85A0514	R2032051	MACHINE LEARNING	24	C	3
21B85A0514	R2032052	COMPILER DESIGN	26	D	3
21B85A0514	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	D	3
21B85A0514	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
21B85A0514	R2032055	COMPILER DESIGN LAB	15	A+	1.5
21B85A0514	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
21B85A0514	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0514	R2032059	EMPLOYABILITY SKILLS-II	29	COMPLE	0
21B85A0514	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	C	3
21B85A0514	R203205E	MEAN STACK DEVELOPMENT	23	E	3
21B85A0515	R2032051	MACHINE LEARNING	23	D	3
21B85A0515	R2032052	COMPILER DESIGN	21	D	3
21B85A0515	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
21B85A0515	R2032054	MACHINE LEARNING USING PYTHON LAB	9	B	1.5
21B85A0515	R2032055	COMPILER DESIGN LAB	11	A	1.5
21B85A0515	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A0515	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0515	R2032059	EMPLOYABILITY SKILLS-II	15	COMPLE	0
21B85A0515	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	F	0
21B85A0515	R203205E	MEAN STACK DEVELOPMENT	26	B	3
21B85A0516	R2032051	MACHINE LEARNING	22	D	3
21B85A0516	R2032052	COMPILER DESIGN	24	D	3
21B85A0516	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
21B85A0516	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
21B85A0516	R2032055	COMPILER DESIGN LAB	12	A	1.5
21B85A0516	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
21B85A0516	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0516	R2032059	EMPLOYABILITY SKILLS-II	24	COMPLE	0
21B85A0516	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	26	D	3
21B85A0516	R203205E	MEAN STACK DEVELOPMENT	18	E	3
21B85A0517	R2032051	MACHINE LEARNING	22	F	0
21B85A0517	R2032052	COMPILER DESIGN	24	D	3
21B85A0517	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	D	3
21B85A0517	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
21B85A0517	R2032055	COMPILER DESIGN LAB	14	A+	1.5
21B85A0517	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A0517	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0517	R2032059	EMPLOYABILITY SKILLS-II	30	COMPLE	0
21B85A0517	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	F	0
21B85A0517	R203205E	MEAN STACK DEVELOPMENT	25	F	0
21B85A0518	R2032051	MACHINE LEARNING	27	D	3
21B85A0518	R2032052	COMPILER DESIGN	26	D	3
21B85A0518	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
21B85A0518	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
21B85A0518	R2032055	COMPILER DESIGN LAB	14	A+	1.5
21B85A0518	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	15	A+	1.5
21B85A0518	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A+	2
21B85A0518	R2032059	EMPLOYABILITY SKILLS-II	23	COMPLE	0
21B85A0518	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	B	3
21B85A0518	R203205E	MEAN STACK DEVELOPMENT	27	C	3
21B85A0519	R2032051	MACHINE LEARNING	26	C	3
21B85A0519	R2032052	COMPILER DESIGN	24	C	3
21B85A0519	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	28	C	3
21B85A0519	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
21B85A0519	R2032055	COMPILER DESIGN LAB	12	A+	1.5
21B85A0519	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
21B85A0519	R2032058	SKILL ORIENTED COURSE-IV MEAN STACK TECH	0	A	2
21B85A0519	R2032059	EMPLOYABILITY SKILLS-II	28	COMPLE	0
21B85A0519	R203205C	OBJECT ORIENTED ANALYSIS AND DESIGN	28	D	3
21B85A0519	R203205E	MEAN STACK DEVELOPMENT	25	C	3
21B85A1201	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	D	3
21B85A1201	R2032051	MACHINE LEARNING	24	B	3
21B85A1201	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	C	3
21B85A1201	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
21B85A1201	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1201	R2032121	BIG DATA ANALYTICS	23	C	3
21B85A1201	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
21B85A1201	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1201	R2032125	EMPLOYABILITY SKILLS-II	13	COMPLE	0
21B85A1201	R203212A	MEAN STACK DEVELOPMENT	25	D	3
21B85A1202	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	F	0
21B85A1202	R2032051	MACHINE LEARNING	23	E	3
21B85A1202	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	26	D	3
21B85A1202	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
21B85A1202	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1202	R2032121	BIG DATA ANALYTICS	25	D	3
21B85A1202	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
21B85A1202	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1202	R2032125	EMPLOYABILITY SKILLS-II	3	NOT CO	0
21B85A1202	R203212A	MEAN STACK DEVELOPMENT	24	F	0
21B85A1203	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	D	3
21B85A1203	R2032051	MACHINE LEARNING	21	D	3
21B85A1203	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	19	D	3
21B85A1203	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A+	1.5
21B85A1203	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
21B85A1203	R2032121	BIG DATA ANALYTICS	19	D	3
21B85A1203	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A1203	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1203	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
21B85A1203	R203212A	MEAN STACK DEVELOPMENT	22	D	3
21B85A1204	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	D	3
21B85A1204	R2032051	MACHINE LEARNING	23	C	3
21B85A1204	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	25	C	3
21B85A1204	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A1204	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1204	R2032121	BIG DATA ANALYTICS	21	D	3
21B85A1204	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
21B85A1204	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
21B85A1204	R2032125	EMPLOYABILITY SKILLS-II	6	NOT CO	0
21B85A1204	R203212A	MEAN STACK DEVELOPMENT	23	E	3
21B85A1205	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	D	3
21B85A1205	R2032051	MACHINE LEARNING	23	D	3
21B85A1205	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	D	3
21B85A1205	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A1205	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
21B85A1205	R2032121	BIG DATA ANALYTICS	22	F	0
21B85A1205	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
21B85A1205	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1205	R2032125	EMPLOYABILITY SKILLS-II	13	COMPLE	0
21B85A1205	R203212A	MEAN STACK DEVELOPMENT	25	D	3
21B85A1206	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
21B85A1206	R2032051	MACHINE LEARNING	27	D	3
21B85A1206	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	27	C	3
21B85A1206	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A+	1.5
21B85A1206	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1206	R2032121	BIG DATA ANALYTICS	28	B	3
21B85A1206	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
21B85A1206	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1206	R2032125	EMPLOYABILITY SKILLS-II	15	COMPLE	0
21B85A1206	R203212A	MEAN STACK DEVELOPMENT	26	D	3
21B85A1207	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	E	3
21B85A1207	R2032051	MACHINE LEARNING	23	E	3
21B85A1207	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	E	3
21B85A1207	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A1207	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
21B85A1207	R2032121	BIG DATA ANALYTICS	24	D	3
21B85A1207	R2032122	BIG DATA ANALYTICS LAB	14	A	1.5
21B85A1207	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
21B85A1207	R2032125	EMPLOYABILITY SKILLS-II	8	NOT CO	0
21B85A1207	R203212A	MEAN STACK DEVELOPMENT	26	D	3
21B85A1208	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	25	D	3
21B85A1208	R2032051	MACHINE LEARNING	27	C	3
21B85A1208	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	C	3
21B85A1208	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A1208	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A	1.5
21B85A1208	R2032121	BIG DATA ANALYTICS	25	C	3
21B85A1208	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
21B85A1208	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A1208	R2032125	EMPLOYABILITY SKILLS-II	28	COMPLE	0
21B85A1208	R203212A	MEAN STACK DEVELOPMENT	25	D	3
21B85A1209	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	20	E	3
21B85A1209	R2032051	MACHINE LEARNING	24	D	3
21B85A1209	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	D	3
21B85A1209	R2032054	MACHINE LEARNING USING PYTHON LAB	13	A	1.5
21B85A1209	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1209	R2032121	BIG DATA ANALYTICS	24	D	3
21B85A1209	R2032122	BIG DATA ANALYTICS LAB	13	A+	1.5
21B85A1209	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1209	R2032125	EMPLOYABILITY SKILLS-II	5	NOT CO	0
21B85A1209	R203212A	MEAN STACK DEVELOPMENT	24	D	3
21B85A1210	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	23	F	0
21B85A1210	R2032051	MACHINE LEARNING	26	F	0
21B85A1210	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	F	0
21B85A1210	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A1210	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	12	A	1.5
21B85A1210	R2032121	BIG DATA ANALYTICS	24	F	0
21B85A1210	R2032122	BIG DATA ANALYTICS LAB	12	A	1.5
21B85A1210	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1210	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
21B85A1210	R203212A	MEAN STACK DEVELOPMENT	21	E	3
21B85A1211	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	21	F	0
21B85A1211	R2032051	MACHINE LEARNING	22	F	0
21B85A1211	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	F	0
21B85A1211	R2032054	MACHINE LEARNING USING PYTHON LAB	12	A	1.5
21B85A1211	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1211	R2032121	BIG DATA ANALYTICS	23	E	3
21B85A1211	R2032122	BIG DATA ANALYTICS LAB	11	A	1.5
21B85A1211	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A	2
21B85A1211	R2032125	EMPLOYABILITY SKILLS-II	4	NOT CO	0
21B85A1211	R203212A	MEAN STACK DEVELOPMENT	22	F	0
21B85A1212	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	22	F	0
21B85A1212	R2032051	MACHINE LEARNING	26	D	3
21B85A1212	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	23	D	3
21B85A1212	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A1212	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1212	R2032121	BIG DATA ANALYTICS	25	D	3
21B85A1212	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
21B85A1212	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
21B85A1212	R2032125	EMPLOYABILITY SKILLS-II	6	COMPLE	0
21B85A1212	R203212A	MEAN STACK DEVELOPMENT	24	E	3
21B85A1213	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	27	C	3
21B85A1213	R2032051	MACHINE LEARNING	28	B	3
21B85A1213	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
21B85A1213	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
21B85A1213	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
21B85A1213	R2032121	BIG DATA ANALYTICS	29	B	3
21B85A1213	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
21B85A1213	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
21B85A1213	R2032125	EMPLOYABILITY SKILLS-II	14	COMPLE	0

Htno	Subcode	Subname	Internals	Grade	Credits
21B85A1213	R203212A	MEAN STACK DEVELOPMENT	27	A+	3
21B85A1214	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	24	F	0
21B85A1214	R2032051	MACHINE LEARNING	26	D	3
21B85A1214	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	24	D	3
21B85A1214	R2032054	MACHINE LEARNING USING PYTHON LAB	14	A+	1.5
21B85A1214	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	13	A+	1.5
21B85A1214	R2032121	BIG DATA ANALYTICS	21	C	3
21B85A1214	R2032122	BIG DATA ANALYTICS LAB	14	A+	1.5
21B85A1214	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
21B85A1214	R2032125	EMPLOYABILITY SKILLS-II	16	NOT CO	0
21B85A1214	R203212A	MEAN STACK DEVELOPMENT	17	E	3
21B85A1215	R203204J	FUNDAMENTALS OF MICROPROCESSORS AND MICR	28	B	3
21B85A1215	R2032051	MACHINE LEARNING	30	C	3
21B85A1215	R2032053	CRYPTOGRAPHY AND NETWORK SECURITY	29	B	3
21B85A1215	R2032054	MACHINE LEARNING USING PYTHON LAB	15	A+	1.5
21B85A1215	R2032056	CRYPTOGRAPHY AND NETWORK SECURITY LAB	14	A+	1.5
21B85A1215	R2032121	BIG DATA ANALYTICS	29	B	3
21B85A1215	R2032122	BIG DATA ANALYTICS LAB	15	A+	1.5
21B85A1215	R2032124	SKILL ORIENTED COURSE-IV VIDEO ANALYTICS	0	A+	2
21B85A1215	R2032125	EMPLOYABILITY SKILLS-II	23	COMPLE	0
21B85A1215	R203212A	MEAN STACK DEVELOPMENT	26	D	3

**Note:1)[Last Date to apply for Recounting/Revaluation/Challenge Revaluation is : 19-09-2023]

** Note:**

* -1 in the filed of externals indicates student is absent for the respective subject.

* -2 in the filed of externals or (WH) in grade indicates student result Withheld for the respective subject.

* -3 in the filed of externals indicates student involved in Malpractice for the respective subject.

Date:11.09.2023   Controller of Examinations(UG)